

SƯU TẦM 500 PHƯƠNG TRÌNH LƯỢNG GIÁC

ĐỀ BÀI	CLICK CHUỘT TRÁI VÀO ĐƯỜNG LINK DƯỚI ĐÂY ĐỂ XEM GỢI Ý
1. Giải pt : $2\sqrt{2}(1 - \cos x \cos 3x) = \frac{\cos 4x}{2 \cos^2 \left(x - \frac{3\pi}{8}\right) - 1}$	http://toanphothong.vn/showthread.php?t=799
2. Giải pt : $\sin 3x + 4 \sin \left(x - \frac{\pi}{3}\right) = \tan \left(x + \frac{\pi}{3}\right) \tan \left(x - \frac{\pi}{6}\right)$	http://k2pi.net/showthread.php?t=1661-Giai-phuong-trinh-sin-3x-4-sin-left-x-frac-pi-3-right-tan-left-x-frac-pi-3-right-tan-left-x-frac-pi-6-right
3. Giải pt : $\tan^2 x = \frac{1 + \cos^3 x}{1 + \sin^3 x}$	http://k2pi.net/showthread.php?t=1314-Giai-phuong-trinh-tan-2-x-frac-1-c-r-m-o-r-m-s-3-x-1-sin-3-x
4. Giải pt : $2 \cot 2x - \tan 2x - 3 \cot 3x = 0$	http://k2pi.net/showthread.php?t=1612-Giai-phuong-trinh-2-cot2x-tan2x-3-cot3x-0
5. Giải pt : $\pi \cos(10\pi x + \pi) + 0.05 - x = 0$	http://k2pi.net/showthread.php?t=1477-Giai-phuong-trinh-pi-cos-10-pi-x-pi-0-05-x-0
6. Giải pt : $2 \sin 2x + 3 \tan x + \cot x = 5 + \frac{1}{1 + \cos 2x}$	http://k2pi.net/showthread.php?t=1436-Giai-phuong-trinh-2-sin-2x-3-tan-x-cot-x-5-frac-1-1-c-r-m-os-2x
7. Giải pt : $\cos 3x + \sin 2x - \cos x - 1 = 0$	http://k2pi.net/showthread.php?t=1267-Giai-phuong-trinh-cos-3x-sin-2x-cos-x-1-0
8. Giải pt : $\sin x + \cos x = \sqrt{3} \sin 2x - \cos 2x$	http://k2pi.net/showthread.php?t=1266-Giai-phuong-trinh-sin-x-cos-x-sqrt-3-sin-2x-cos-2x
9. Giải pt : $2 \cos x \cdot \cot x - 2 \sin x - \sqrt{3} = \frac{\cos x + 1}{\sin x}$	http://k2pi.net/showthread.php?t=1252-Giai-phuong-trinh-2-cos-x-cot-x-2-sin-x-sqrt-3-frac-cos-x-1-sin-x
10. Giải pt : $\sin x - \cos x + 7 \sin 2x = 1$	http://k2pi.net/showthread.php?t=2001-Giai-phuong-trinh-sinx-cosx-7sin2x-1
11. Giải pt : $\cot x - \tan x - 4 + 8 \cos \left(x - \frac{\pi}{4}\right) = \frac{2}{\sin 2x}$	http://k2pi.net/showthread.php?t=2004-Giai-phuong-trinh-cot-x-tan-x-4-8-cos-x-dfrac-pi-4-dfrac-2-sin-2x
12. Giải pt : $1 + \cot \left(x - \frac{\pi}{2}\right) = \frac{1 + \tan x}{1 + \sin 2x}$	http://k2pi.net/showthread.php?t=1988-Cau-2-De-thi-HSG-Tinh-Ca-Mau-nam-2013
13. Giải pt : $\sin 3x - \cos 3x = \sqrt{2} \sin \left(x + \frac{\pi}{4}\right) \left(2\sqrt{3} \cos x - 1\right)$	http://k2pi.net/showthread.php?t=1797-Giai-phuong-trinh-sin-3x-cos-3x-sqrt-2-sin-left-x-frac-pi-4-right-cdot-left-2-sqrt-3-cos-x-1-right
14. Giải pt : $\frac{\frac{1}{2} + (1 - \sin x)(1 - \cos x) + 2 \sin^2 \left(x + \frac{\pi}{4}\right) - \frac{7}{6} \cdot \sin 2x}{\tan x + 1} = \cos 2x$	http://k2pi.net/showthread.php?t=1827-Giai-phuong-trinh-frac-frac-1-2-1-sin-x-1-cos-x-2-sin-2-left-x-frac-pi-4-right-frac-7-6-sin-2x-tan-x-1-cos-2x
15. Giải pt : $\sin^3 \left(x - \frac{\pi}{6}\right) + 3 \cdot \sin^3 \left(x + \frac{\pi}{3}\right) = \cos x + \sin 2x$	http://k2pi.net/showthread.php?t=1815-Giai-phuong-trinh-sin-3-left-x-frac-pi-6-right-3-sin-3-left-x-frac-pi-3-right-cos-x-sin-2x
16. Giải pt : $16 \cdot \cos^4 \left(x + \frac{\pi}{4}\right) - 4\sqrt{3} \cdot \cos 2x + 5 = 0$	http://k2pi.net/showthread.php?t=1814-Giai-phuong-trinh-16-c-r-m-o-r-m-s-4-left-x-frac-pi-4-right-4-sqrt-3-c-r-m-os-2x-5-0
17. Giải pt : $\cos 3x \cdot \sin 2x - \cos 4x \cdot \sin 2x = \frac{1}{2} \sin 3x + \sqrt{1 + \cos x}$	http://k2pi.net/showthread.php?t=1813-Giai-phuong-trinh-c-r-m-os-3x-sin-2x-c-r-m-os-4x-sin-2x-frac-1-2-sin-3x-sqrt-1-cos-x

18. Giải pt : $\frac{\tan^2 x \cdot \sin^2 x}{1 - \sin^2 x \cdot \cos 2x} + \frac{\cot^2 x \cdot \cos^2 x}{1 - \cos^2 x \cdot \cos 2x} + \frac{2 \sin^2 x}{\tan^2 x + \cot^2 x} = \frac{3}{2}$	http://k2pi.net/showthread.php?t=1799-Giai-phuong-trinh-luong-giac-dfrac-tan-2-x-sin-2-x-1-sin-2-x-cos-2x-dfrac-cot-2-x-cos-2-x-1-cos-2-x-cos-2x-dfrac-2-sin-2-x-tan-2-x-cot-2-x-dfrac-3-2
19. Giải pt : $2(\cos 2x - 2)(\sin x + \cos x) + \sin 2x + (1 - 2\sqrt{2})\cos 2x + 1 = 2\sqrt{2}(\cos x - 2)$	http://k2pi.net/showthread.php?t=1798-Giai-phuong-trinh-2-cos-2x-2-sin-x-cos-x-sin-2x-1-2-sqrt-2-cos-2x-1-2-sqrt-2-cos-x-2
20. Giải pt : $4\cos^2 x(1 + \sin x) + 2\sqrt{3}\cos x \cos 2x = 1 + 2\sin x$	http://k2pi.net/showthread.php?t=1792-Giai-phuong-trinh-luong-giac-4-cos-2x-1-sin-x-2-sqrt-3-cos-x-cos-2x-1-2-sin-x
21. Giải pt : $\frac{2\sin^2\left(\frac{\pi}{4} - \frac{x}{2}\right) \cdot \sin x - \cos^3 x}{\sqrt[3]{\sin^3 x - \cos^3 x}} = 0$	http://k2pi.net/showthread.php?t=1721-Giai-phuong-trinh-dfrac-2-sin-2-left-dfrac-pi-4-dfrac-x-2-right-operatorname-s-text-inx-co-text-s-3-x-sqrt-3-sin-3-x-c-text-o-text-s-3-x-0
22. Giải pt : $\sin x + 1 = \frac{3\cos 2x - 5}{2\cos x - 4}$	http://k2pi.net/showthread.php?t=1687-Giai-phuong-trinh-sin-x-1-dfrac-3-cos-2x-5-2-cos-x-4
23. Giải pt : $\sin 4x^2 \cdot \sin \frac{3}{2}x + \cos x^4 - 1 = \cos x^2$	http://k2pi.net/showthread.php?t=1292-Giai-phuong-trinh-sin-4x-2-sin-dfrac-3-2-x-cos-x-4-1-cos-x-2
24. Giải pt : $2\sin\left(\frac{\pi}{4} - x\right) \cdot \cos 2x \cdot \cos 6x = 3\cos 3\left(x - \frac{\pi}{4}\right)$	http://k2pi.net/showthread.php?t=2533-Cau-IV-1-De-thi-hoc-sinh-gioi-tinh-Thai-Binh-nam-2012-2013
25. Giải pt : $\sin x \cdot \sin 4x = 2\sqrt{2} \cdot \cos\left(\frac{\pi}{6} - x\right) - 4\sqrt{3}\cos^2 x \cdot \sin x \cdot \cos 2x$	http://k2pi.net/showthread.php?t=2313-Giai-phuong-trinh-sin-x-sin4x-2-sqrt-2-cos-dfrac-pi-6-x-4-sqrt-3-cos-2x-sin-x-cos2x
26. Giải pt : $2\sin 2x(\sin x - \sqrt{3}\cos x) + \cos x = \sqrt{3}\sin x$	http://k2pi.net/showthread.php?t=2456-Giai-phuong-trinh-2-sin-2x-sin-x-sqrt-3-cos-x-cos-x-sqrt-3-sin-x
27. Giải pt : $\sin 2x - (\sin x + \cos x + 1)(2\sin x - 3) = 0$.	http://k2pi.net/showthread.php?t=2404-Cau-II-2-De-thi-thu-dai-hoc-lan-I-2012-truong-THPT-Nam-Khoai-Chau-Hung-Yen
28. Giải pt : $4\cos 2x(\cos 5x + \cos x(1 - 4\sin^2 x)) = 1$	http://k2pi.net/showthread.php?t=2380-Cau-II-1-De-thi-thu-dai-hoc-toan-nam-2013
29. Giải pt : $2(1 + 2\sin 2x)\sin\left(x - \frac{\pi}{4}\right) + \sin 2x = \frac{\sin x - \cos 3x}{\sin x + \cos x}$.	http://k2pi.net/showthread.php?t=2338-Giai-phuong-trinh-2-1-2-sin2x-sin-x-dfrac-pi-4-sin2x-dfrac-sinx-cos3x-sinx-cosx
30. Giải pt : $\sqrt{2}\cos 2x \sin x = \cos 2x - \sin 2x$	http://k2pi.net/showthread.php?t=2331-Giai-phuong-trinh-sqrt-2-cos2xsinx-cos2x-sin2x
31. Giải pt : $\sin 5x - \sin 3x + \sin x = \frac{1}{2}$	http://k2pi.net/showthread.php?t=2250-Giai-phuong-trinh-sin-5x-sin-3x-sin-x-frac-1-2
32. Giải pt : $2\cos 5x \cos 3x + \sin x = \cos 8x \quad (x \in \mathbb{R})$	http://k2pi.net/showthread.php?t=2255-Giai-phuong-trinh-2-cos-5x-cos-3x-sin-x-cos-8x-x-in-mathbb-R
33. Giải pt : $\cot \frac{x}{2} - \frac{1 + \sin 3x}{\sin 2x - \sin x} = 2\sin\left(3x + \frac{\pi}{3}\right)$	http://k2pi.net/showthread.php?t=2232-Giai-phuong-trinh-cot-frac-x-2-frac-1-sin-3x-sin-2x-sin-x-2-sin-left-3x-frac-pi-3-right
34. Giải pt : $(\sqrt{3}\sin 4x + \cos 4x) - (\sqrt{3}\cos 3x + \sin 3x) + 2\cos 2x - \sin 2x + 2(1 - \sqrt{3}) \cdot \cos x = 0$	http://k2pi.net/showthread.php?t=2025-Giai-phuong-trinh-left-sqrt-3-sin4x-cos4x-right-left-sqrt-3-cos-3x-sin-3x-right-2-cos2x-sin-2x-2-left-1-sqrt-3-right-cos-x-0
35. Giải pt : $(\sin x + 1) \cdot (3 - 6\sin x - \cos 4x) = \sin 4x \cdot \cos x$	http://k2pi.net/showthread.php?t=2168-Giai-phuong-trinh-sin-x-1-3-6-sin-x-cos-4x-sin-4x-cos-x

	$\cos x$
36. Giải pt : $\cos x \cdot \cos 4x + \cos 2x \cdot \cos 3x + \cos^2 4x = \frac{3}{2}$	http://k2pi.net/showthread.php?t=2129-Giai-phuong-trinh-cosx-cos4x-cos2x-cos3x-cos-2-4x-frac-3-2
37. Giải pt : $\sqrt{3} \sin 2x + \cos 2x = 2 \cos x - 1$	
38. Giải pt : $3 \tan^2 x + 4 \sin^2 x - 2\sqrt{3} \tan x - 4 \sin x + 2 = 0$	
39. Giải pt : $\cos^5 x + x^2 = 0$	http://boxmath.vn/4rum/showthread.php?t=41802
40. Giải pt : $\sin 2x + 2 \tan x = 3$	
41. Giải pt : $\sin^4 x + \cos^4 \left(x + \frac{\pi}{4} \right) = \frac{1}{4}$	
42. Giải pt : $\sqrt{2} \cos 4x + 2\sqrt{2} \cos \left(2x + \frac{\pi}{8} \right) + 1 = 0$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
43. Giải pt : $\frac{(3 \sin x - 1)(2\sqrt{3} \cos x - 1)}{\sin x(2\sqrt{3} \cos x + 1)} = \frac{1}{2}$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
44. Giải pt : $\sin^8 x + \cos^8 x = \frac{17}{32}$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
45. Giải pt : $2 \sin^3 x - \cos 2x + \cos x = 0$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
46. Giải pt : $\cos^3 x + \cos^2 x + 2 \sin x - 2 = 0$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
47. Giải pt : $\sin 5x - \sin x = \left(\tan x + \frac{1}{\cos x} + 1 \right) \left(\tan x - \frac{1}{\cos x} + 1 \right) \cot x$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
48. Giải pt : $2 \cos 2x + \sin 2x = \sin 3x$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
49. Giải pt : $\tan x = \frac{1 - \cos^3 x}{1 - \sin^3 x}$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
50. Giải pt : $2 \cos 3x (2 \cos 2x + 1) = 1$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
51. Giải pt : $\cos^2 x + \cos^2 2x + \cos^2 3x + \cos^2 4x = \frac{3}{2}$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
52. Giải pt : $\sqrt{3}(\sin 2x + \sin x) + \cos 2x - \cos x = 2$	http://boxmath.vn/4rum/showthread.php?t=41802&page=4
53. Giải pt : $\frac{\sin 4x + \sin 2x - 4 \sin 3x + 2 \cos x - 4}{\sin x - 1} = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/
54. Giải pt : $7 \cos^2 x + 1995 \sin^{1994} x = 1995$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/
55. Giải pt : $2(\sin x + \cos x)(1 + \cos x) - \sqrt{2}(\sin 7x + \cos 7x + \sin 5x + \cos 5x) + 3 + \sin 12x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/
56. Giải pt : $\left(\sin^3 \left(\frac{x}{2} \right) + \frac{1}{\sin^3 \left(\frac{x}{2} \right)} \right)^2 + \left(\cos^3 \left(\frac{x}{2} \right) + \frac{1}{\cos^3 \left(\frac{x}{2} \right)} \right)^2 = \frac{81}{4} \cos^2 4x$	
57. Giải pt : $4 \sin 2x - 3 \cos 2x = 3(4 \sin x - 1)$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-

	16165/index1.html
58. Giải pt : $(2\sin x + 1)(3\cos 4x + 2\sin x - 4) + 4\cos^2 x = 3$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index1.html
59. Giải pt : $(2\sin x + 1)(3\cos 4x + 2\sin x - 4) + 4\cos^2 x = 3$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index1.html
60. Giải pt : $16\cos^5 x + 5\cos x = \cos \frac{x}{3} + 20\cos^3 x$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index1.html
61. Giải pt : $\cos x - \cos 2x + \cos 3x = \frac{1}{2}$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index2.html
62. Giải pt : $\sin 2x + \cos 2x - 3\sin x - \cos x - 2 = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index2.html
63. Giải pt : $\sin(\frac{3\pi}{10} - \frac{x}{2}) = \frac{1}{2} \sin(\frac{\pi}{10} + \frac{3x}{2})$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index2.html
64. Giải pt : $2\sin^4 x - 5\tan^2 x + \frac{3\sin^3 x}{\cos x} = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index3.html
65. Giải pt : $\sin^3 x + \cos^3 x + \cos 3x + 2 = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index3.html
66. Giải pt : $2\sin^4 x - 5\tan^2 x + \frac{3\sin^3 x}{\cos x} = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index3.html
67. Giải pt : $\sin^3 x + \cos^3 x + \cos 3x + 2 = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index3.html
68. Giải pt : $\sin x(\sin^4(\frac{x}{2}) - \sin^2(\frac{x}{2})) + 3(\sin^4(\frac{x}{2}) - \sin^2(\frac{x}{2})) + 1 = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index3.html
69. Giải pt : $2\sin 3x(1 - 4\sin^2 x) = 1$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index5.html
70. Giải pt : $\sin 9x + \cos x - \frac{\sqrt{2}}{2}(\sin 8x - \cos 8x) + \frac{\sqrt{2}}{2}(\sin 2x - \cos 2x) = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index5.html
71. Giải pt : $\frac{1}{2}(\cos 4x - \cos 2x) - \cos 6x(1 - \sin x) + \sin^2 x - 9\cos^2 x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index5.html
72. Giải pt : $8\sqrt{2}\cos^6 x + 2\sqrt{2}\sin^3 x \sin 3x - 6\sqrt{2}\cos^4 x - 1 = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index5.html
73. Giải pt :	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index5.html
74. Giải pt : $2\sin x + 2\cos x + \sin 2x + 2 + \cos^2 x - \sin x \cos^2 x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index6.html
75. Giải pt : $\sin x + \sqrt{\sin^2 x + \cos^2 2x} - 1 - 2\sin^3 x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index6.html

	16165/index6.html
76. Giải pt : $2\sin x + 2\cos x + \sin 2x + 2 + \cos^2 x - \sin x \cos^2 x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index6.html
77. Giải pt : $2\sin x + \sqrt{\sin^2 x + \cos^2 2x} - 1 - 4\sin^3 x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index6.html
78. Giải pt : $\frac{1}{2}(\cos 2x - \cos 4x) + \cos 6x(\sin x - 1) + \sin^2 x - 9\cos^2 x + (\sin x - 1) = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index6.html
79. Giải pt : $2\cos^2 2x - 4\sqrt{3}\cos^3 x + (\sin 2x + \sqrt{3})\sin 2x - 5\sin^2 x + 6 = 0$	
80. Giải pt : $4\cos^3 x - 2 - 2\sin^2 2x - 3\cos x + \sqrt{2 - \cos^2 3x} = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index7.html
81. Giải pt : $(\sin x + a\cos x)(\sin x + b\cos x) = 1 + \left(\frac{a+b}{2}\right)^2$	
82. Giải pt :	
83. Giải pt : $\cos x - \cos 3x + 4\left(3\sin \frac{x}{2} - 4\sin^3 \frac{x}{2} + 1\right) = 0$	
84. Giải pt : $\sin^4 x + \cos^4 x = \frac{7}{8}\cot\left(x + \frac{\pi}{3}\right) \cdot \cot\left(\frac{\pi}{6} - x\right)$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index8.html
85. Giải pt : $4\cos^4\left(\frac{x}{4}\right) = \cos\left(\frac{x}{2}\right) + 2\cos^2\left(\frac{x}{4}\right)\cos 2x$	
86. Giải pt : $2\cos^2 x + 2\cos^2 2x + 2\cos^2 3x - 3 = (2\sin 2x + 1)\cos 4x$	
87. Giải pt : $2\sin 2x - \cos 2x = 7\sin x + 2\cos x - 4$	
88. Giải pt : $(1 + \sin x)(\sin x + 4\cos x + 7) + 3(2 - \cos x)^2 = 0$	
89. Giải pt : $(1 + \sin x)(\sin x + 4\cos x - 7) + 3(2 - \cos x)^2 = 0$	
90. Giải pt : $\sin\left(\frac{5x}{2}\right) = 5\cos^3 x \sin\left(\frac{x}{2}\right)$	
91. Giải pt : $\sqrt{2}(\sin x + \sqrt{3}\cos x) = \sqrt{3}\cos 2x - \sin 2x$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index9.html
92. Giải pt : $\cos 3x + \sin 7x = 2\sin^2\left(\frac{5x}{2} + \frac{\pi}{4}\right) - 2\cos^2\left(\frac{9x}{2}\right)$	
93. Giải pt : $\sin 4x - \cos 4x = 1 + 4(\sin x - \cos x)$	
94. Giải pt : $(1 + \sin x)^2(\sin x - 3\cos x + 7) + 3(2\sin x - \cos x - \sin x \cos x + 2)(2 - \cos x) + (2 - \cos x)^3 = 0$	
95. Giải pt : $\frac{\sin^2 x(1 - \cos^2 x)}{\cos^4 x} - \frac{8\sin^3 x}{\cos x} + 12\sin^2 x \cos^2 x = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index10.html
96. Giải pt : $2(\cot 2x - \cot 3x) = \tan 2x + \tan 3x$	
97. Giải pt : $2\cos 3x - 4\cos 2x + 2\sin 3x = \sin 4x$	
98. Giải pt : $\sqrt{3}\sin 2x - \cos 2x + (2 - \sqrt{2})\sin x - \sqrt{6}\cos x + 1 - \sqrt{2} = 0$	
99. Giải pt : $\cos 5x + \cos x + \sqrt{2} \cos\left(\frac{\pi}{4} + 3x\right) = 0$	
100. Giải pt : $\tan^2 x - 3\sin 2x = 8\cos^2 x$	

101.	Giải pt : $3 \sin 2x + \cos 2x + 4 = 3 \sin x + 7 \cos x$	
102.	Giải pt : $\cos^4 x - \sin^4 x = \cos x + \sin x $	
103.	Giải pt : $3 \cos 2x(\cos x - 1) + 3 \left(\sqrt{3} \sin x \cos 2x + \frac{1}{2} \right) = 0$	
104.	Giải pt : $\cos 2x - \tan^2 x = \frac{\cos^2 x - \cos^3 x - 1}{\cos^2 x}$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index11.html
105.	Giải pt : $5(\sin x + \frac{\cos 3x + \sin 3x}{1 + 2 \sin 2x}) = 3 + \cos 2x$	
106.	Giải pt : $\frac{1}{\sin 2x} + \frac{1}{\sin 4x} + \frac{1}{\sin 8x} = 0$	
107.	Giải pt : $\sqrt{\sin x} + \sin x + \sin^2 x + \cos x = 1$	
108.	Giải pt : $4 \cos^4 x - 4 \cos 2x \cdot \cos^2 x - 6 \sin x - \cos x + 1 = 0$	
109.	Giải pt : $4 \cos x \cdot \cos 2x \cdot \cos 3x = \cos 6x$	
110.	Giải pt : $\sin 2x + 3 \sin x = 3 + 2 \cos x$	
111.	Giải pt : $\sin x \sin 2x \sin 3x + \cos x \cos 2x \cos 3x = \frac{1}{2}$	
112.	Giải pt : $\cos^2 \left(\frac{\pi}{4} - x \right) + \cos x \cdot \sin^2 2x - \sin x \cdot \sin 2x = 1$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index12.html
113.	Giải pt : $\frac{2(1 + \sin 4x) + \cos 6x - \cos 2x - 4 \sin 4x \cdot \cos 2x - 2 \cos^2 4x}{(\sin x - \cos x)(2 \sin 2x + \sqrt{3})} = 0$	
114.	Giải pt : $\cos 5x \cdot \cos x = \cos 4x \cdot \cos 2x + 3 \cos^2 x + 1$	
115.	Giải pt : $\cos^2 2x - \sin \left(\frac{9\pi}{3} - 2x \right) = 4 \sin^2 2x \cdot \cos^2 x$	
116.	Giải pt : $8 \sin x = \frac{\sqrt{3}}{\cos x} + \frac{1}{\sin x}$	
117.	Giải pt : $\cos^3 4x = \cos 3x \cdot \cos^3 x + \sin^3 x \cdot \sin 3x$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index13.html
118.	Giải pt : $3 \tan 3x + \cot 2x = 2 \tan x + \frac{2}{\sin 4x}$	
119.	Giải pt : $\sin^8 x + \cos^8 x = \frac{5 \cos 2x}{4} + 2(\sin^{10} x + \cos^{10} x)$	
120.	Giải pt : $2(\tan x - \sin x) + 3(\cot x - \sin x) + 5 = 0$	
121.	Giải pt : $(2 \cos 3x + 6 \cos x + 1)^3 = 162 \cos x - 27$	
122.	Giải pt : $\tan^3 \left(x - \frac{\pi}{4} \right) = \tan x - 1$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index14.html
123.	Giải pt : $\cos^3 x + \sin^3 x + \frac{1}{\sqrt{2}} \cdot \sin 2x \cdot \sin \left(x + \frac{\pi}{4} \right) = \cos x + \sin 3x$	

124.	Giải pt : $\frac{\sqrt{3}\sin 2x - \cos 2x - 5\sin x + (2 - \sqrt{3})\cos x + 3 + \sqrt{3}}{2\cos x + \sqrt{3}} = 1$	
125.	Giải pt : $\tan x - 3\cot x = 4(\sin x + \sqrt{3}\cos x)$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index15.html
126.	Giải pt : $2\sin 3x(3 - 4\cos^2 x) = 1$	
127.	Giải pt : $2\sin\left(\frac{3\pi}{10} - \frac{x}{2}\right) = \sin\left(\frac{\pi}{10} + \frac{3x}{2}\right)$	
128.	Giải pt : $\sin x + \sin 2x + \sin 3x = \cos x + \cos 2x + \cos 3x$	
129.	Giải pt : $\cos^2 x + \cos^2 2x + \cos^2 3x + \cos^2 4x$	
130.	Giải pt : $\tan^2 2x \cdot \tan^2 3x \cdot \tan 5x = \tan^2 2x - \tan^2 3x + \tan 5x$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index16.html
131.	Giải pt : $\cos 3x \cos^3 x - \sin 3x \sin^3 x = \frac{2 + 3\sqrt{2}}{8}$	
132.	Giải pt : $2\sin 2x - 3\sqrt{2}\sin x + \sqrt{2}\cos x - 5 = 0$	
133.	Giải pt : $3\sqrt{\tan x + 1}(\sin x + 2\cos x) = 5(\sin x + 3\cos x)$	
134.	Giải pt : $\sin^2\left(\frac{x}{2} - \frac{\pi}{2}\right)\tan^2 x - \cos^2 \frac{x}{2} = 0$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index17.html
135.	Giải pt : $(1 - 4\sin^2 x)\sin 3x = \frac{1}{2}$	
136.	Giải pt : $\cos 5x = \sin 2x + 1$	
137.	Giải pt : $\frac{\sqrt{3}}{\cos x} + \frac{1}{\sin x} = 8\cos x$	
138.	Giải pt : $\sqrt{3 + 4\sqrt{6} - (16\sqrt{3} - 8\sqrt{2})\cos x} = 4\cos x - \sqrt{3}$	
139.	Giải pt : $\cos^3 \frac{x}{2} = \cos^4 2x$	http://boxmath.vn/4rum/f24/phuong-trinh-luong-giac-thpt-luyen-thi-dai-hoc-16165/index18.html
140.	Giải pt : $\cos^2 x + \cos^2 2x + \cos x \cdot \cos 2x = \frac{3}{4}$	
141.	Giải pt : $4\sin^4 x + 3\cos^2 x + \cos 3x \cos x + \cos 8x - 2 = 0$	
142.	Giải pt : $\sin^4 x + \cos^4\left(x + \frac{\pi}{4}\right) = \frac{1}{4}\cos 4x + \frac{3}{4}$	
143.	Giải pt : $\sin\left(3x - \frac{\pi}{6}\right) + \sin 2x = \sqrt{3}\cos 2x + \cos x$	http://toanphothong.vn/showthread.php?t=1321
144.	Giải pt : $\frac{\frac{1}{2} + (1 - \sin x)(1 - \cos x) + 2\sin^2\left(x + \frac{\pi}{4}\right) - \frac{7}{6}\sin 2x}{\tan x + 1} = \frac{3}{2}\cos x$	http://toanphothong.vn/showthread.php?t=823
145.	Giải pt :	http://toanphothong.vn/showthread.php?t=1195

	$\frac{1}{2}(\cos 4x - \cos 2x) - \cos 6x(1 - \sin x) + \sin^2 x - 9\cos^2 x + \sin x - 1 = 0$	
146.	Giải pt : $\sin x + \cos x + \sin 2x \sqrt{3} \cos x = 2(\cos 4x + \sin^3 x)$	http://toanphothong.vn/showthread.php?t=1162
147.	Giải pt : $16 \cos^4 \left(x + \frac{\pi}{4} \right) - 4\sqrt{3} \cos 2x + 5 = 0$	http://toanphothong.vn/showthread.php?t=1138
148.	Giải pt : $2 \cos 13x + 3 \cos 3x = 8 \cos x \cdot \cos^3 4x - 3 \cos 5x$	http://toanphothong.vn/showthread.php?t=865
149.	Giải pt : $\frac{2 - \cos 2x}{\sin 3x - \sin 5x} = \sqrt{2}$	http://toanphothong.vn/showthread.php?t=965
150.	Giải pt : $\frac{4 \sin^3 2x + 6 \sin^2 x - 3 \cos 3x - 9}{\cos x} = 0.$	http://toanphothong.vn/showthread.php?t=872
151.	Giải pt : $2 \sin \left(2x - \frac{\pi}{3} \right) - 2\sqrt{2} \sin \left(x - \frac{5\pi}{12} \right) - 1 = 0$	http://toanphothong.vn/showthread.php?t=798
152.	Giải pt : $\frac{3(\cos 2x + \cot 2x)}{\cot 2x - \cos 2x} = 4 \sin \left(\frac{\pi}{4} + x \right) \cdot \cos \left(\frac{\pi}{4} - x \right)$	http://toanphothong.vn/showthread.php?t=2088
153.	Giải pt : $\frac{\cos^3 x - \sin^3 x}{\sqrt{\cos x} + \sqrt{\sin x}} = 2 \cos 2x$	http://toanphothong.vn/showthread.php?t=1776
154.	Giải pt : $\sin 2x + \sin x - \frac{1}{\sin x} - \frac{1}{\sin 2x} = 2 \cot 2x$	http://toanphothong.vn/showthread.php?t=2601
155.	Giải pt : $(8 \cos^3 x + 1)^3 = 162 \cos x - 27$	http://toanphothong.vn/showthread.php?t=2586
156.	Giải pt : $\frac{2 \sin^2 x + 3\sqrt{2} \sin x - \sin 2x + 1}{(\sin x + \cos x)^2} = -1$	http://toanphothong.vn/showthread.php?t=2545
157.	Giải pt : $5 + \sqrt{3} - (\sqrt{3} - 1) \cos 2x + (\sqrt{3} + 1) \sin 2x - 2\sqrt{6} \sin x = 2\sqrt{2} (2 \cos x + \sin x)$	http://toanphothong.vn/showthread.php?t=2513
158.	Giải pt : $2 \cos^2 \left(\frac{\pi}{2} \cos^2 x \right) = 1 + \cos(\pi \sin 2x)$	http://toanphothong.vn/showthread.php?t=2260
159.	Giải pt : $\sin x + \frac{\sqrt{3}}{2} \cot x + 1 = 0$	http://toanphothong.vn/showthread.php?t=2340
160.	Giải pt : $\frac{1}{\tan x + \cos 2x} = \frac{\sqrt{2}(\cos x - \sin x)}{\cot x - 1}$	http://toanphothong.vn/showthread.php?t=2225
161.	Giải pt : $\cos 2x + \sin 2x = \sin x \left(4 \cos^2 \frac{x}{2} - 1 \right)$	http://toanphothong.vn/showthread.php?t=2147
162.	Giải pt : $\sin^3 x \sin 3x + \cos^3 x \cos 3x = \frac{\sqrt{2}}{4}$	http://toanphothong.vn/showthread.php?t=2136
163.	Giải pt : $1 + \sin \frac{x}{2} \cdot \sin x - \cos \frac{x}{2} \cdot \sin^2 x = 2 \cos^2 \left(\frac{\pi}{4} - \frac{x}{2} \right)$	http://toanphothong.vn/showthread.php?t=2137
164.	Giải pt : $(\cos 2x - \cos 4x)^2 = 6 + 2 \sin 3x$	http://toanphothong.vn/showthread.php?t=2112
165.	Giải pt : $\tan x + \tan 2x = -\sin 3x \cdot \cos 2x$	http://toanphothong.vn/showthread.php?t=2111

166.	Giải pt : $\tan x + \tan 2x + \tan 3x + \tan 4x = 0$	http://toanphothong.vn/showthread.php?t=2109
167.	Giải pt : $\sqrt{3}(\sin 2x - 3 \sin x) + 3 = 2 \cos^2 x + 3 \cos x - 2$	http://toanphothong.vn/showthread.php?t=2108
168.	Giải pt : $3 \cot^2 x + 2\sqrt{2} \sin^2 x = (2 + 3\sqrt{2}) \cos x$	http://toanphothong.vn/showthread.php?t=1319
169.	Giải pt : $\cos x = \cos^2 4x$	http://toanphothong.vn/showthread.php?t=2097
170.	Giải pt : $\sin \frac{7x}{2} \cos \frac{3x}{2} + \sin \frac{x}{2} \cos \frac{5x}{2} + \sin 2x \cos 7x = 0$	http://toanphothong.vn/showthread.php?t=3022
171.	Giải pt : $\frac{(2 - \sqrt{3}) \cos x - 2 \sin^2 \left(\frac{x}{2} + \frac{\pi}{4} \right)}{2 \cos x - 1} = 1$	http://toanphothong.vn/showthread.php?t=3003
172.	Giải pt : $\sin \left(2x - \frac{\pi}{4} \right) \cdot \cos 2x - 2\sqrt{2} \sin \left(x - \frac{\pi}{4} \right) = 0$	http://toanphothong.vn/showthread.php?t=2975
173.	Giải pt : $3 \cot x - \tan x(3 - 8 \cos^2 x) = 0$	http://toanphothong.vn/showthread.php?t=2970
174.	Giải pt : $\cos \left(2x - \frac{7\pi}{2} \right) = \sin(4x + 3\pi)$	http://toanphothong.vn/showthread.php?t=2969
175.	Giải pt : $\frac{\cos 3x \cos^3 x - \sin 3x \sin^3 x - \frac{2 + 3\sqrt{2}}{8}}{2 \sin 4x - \sqrt{2}} = 0$	http://toanphothong.vn/showthread.php?t=2938
176.	Giải pt : $\tan x + \cot x + 2 \cot 2x(1 - 2 \cos x) = 2$	http://toanphothong.vn/showthread.php?t=2925
177.	Giải pt : $\frac{1}{\cos x(\sin x - \cos x)} = 2\sqrt{2} \sin x + \frac{2 \cos x}{\sin x - \cos x}$	http://toanphothong.vn/showthread.php?t=2907
178.	Giải pt : $1 + \sin x + 2 \cos x = (1 + \cos x) \cot x$	http://toanphothong.vn/showthread.php?t=2873
179.	Giải pt : $\frac{\sin^3 x + \cos^3 x}{2 \cos x - \sin x} = \cos 2x$	http://toanphothong.vn/showthread.php?t=2855
180.	Giải pt : $\tan \left(\frac{5\pi}{2} - x \right) = \frac{3}{4}$	http://toanphothong.vn/showthread.php?t=2886
181.	Giải pt : $\frac{1}{\sin^2 x + \sin x} + \frac{3}{\cos^2 x + \cos x} = \frac{4}{\sin 2x}$	http://toanphothong.vn/showthread.php?t=2847
182.	Giải pt : $1 + 4 \cos x \cdot \cos 3x = \tan 5x$	http://toanphothong.vn/showthread.php?t=2811
183.	Giải pt : $2 \tan x + \cot x = 2 \left(1 + \frac{1}{\sin 2x} \right)$	http://toanphothong.vn/showthread.php?t=2839
184.	Giải pt : $\sin 7x + \sin 9x = 2 \left[\cos^2 \left(\frac{\pi}{4} - x \right) - \cos^2 \left(\frac{\pi}{4} + 2x \right) \right]$	http://toanphothong.vn/showthread.php?t=2828
185.	Giải pt : $\sin \left(3x + \frac{\pi}{4} \right) + 8 \sin^2 x - \sqrt{2} \sin x = 2$	http://toanphothong.vn/showthread.php?t=2708
186.	Giải pt :	http://toanphothong.vn/showthread.php?t=2689

	$\sqrt{2} \cos 5x - \sin(\pi + 2x) = \sin\left(\frac{5\pi}{2} + 2x\right) \cdot \cot 3x$	
187.	Giải pt : $\frac{1 + \sin x}{\cos x} - \frac{\cos x}{1 + \sin x} = \frac{1}{\sin 4x}$	http://toanphothong.vn/showthread.php?t=2625
188.	Giải pt : $\frac{1}{\sqrt{2}} \cdot \cot x + \frac{\sin 2x}{\sin x + \cos x} = 2 \sin\left(x + \frac{\pi}{2}\right)$	http://toanphothong.vn/showthread.php?t=1957
189.	Giải pt : $\cos 2x + \cos 4x + \cos 6x + \cos 8x + \cos 10x = \frac{-1}{2}$	http://toanphothong.vn/showthread.php?t=3772
190.	Giải pt : $\frac{1 + \cos x + \cos 2x + \cos 3x}{\cos x + \cos 2x} = \frac{2}{3}(3 - \sqrt{3} \sin x)$	http://toanphothong.vn/showthread.php?t=3766
191.	Giải pt : $\frac{1}{2 \cot^2 x + 1} + \frac{1}{2 \tan^2 x + 1} = \frac{15 \cos 4x}{8 + \sin^2 2x}$	http://toanphothong.vn/showthread.php?t=3721
192.	Giải pt : $\frac{\cos^2 x - 4}{3 + 4 \sin x - \cos 2x} = \cot^2\left(\frac{x}{2} + \frac{\pi}{4}\right) \left(\frac{1}{2} - \sin x\right)$	http://toanphothong.vn/showthread.php?t=3387
193.	Giải pt : $2\sqrt{3} \sin^2 x \cdot \cos x - \sqrt{3} \sin x - 2 \sin x \cdot \cos^2 x - 2 \sin 2x + 2 =$	http://toanphothong.vn/showthread.php?t=3688
194.	Giải pt : $4 \sin x - 2 \cos x + 1 = \frac{\sqrt{3}(3 - 2 \cos 2x)}{1 + 2 \cos x}$	http://toanphothong.vn/showthread.php?t=3677
195.	Giải pt : $\sin x \sin 2x - \cos x \sin^2 2x + 1 = 2 \cos^2\left(x - \frac{\pi}{4}\right)$	http://toanphothong.vn/showthread.php?t=3605
196.	Giải pt : $\frac{3(\cot x + \cos x)}{\cot x - \cos x} = 2(1 + \sin x)$	http://toanphothong.vn/showthread.php?t=3594
197.	Giải pt : $\frac{1}{2 \cot^2 x + 1} + \frac{1}{2 \tan^2 x + 1} = \frac{15 \cos 4x}{8 + \sin^2 2x}$	http://toanphothong.vn/showthread.php?t=3596
198.	Giải pt : $\tan^2 x + \cot^2 x + \frac{1}{\sin 2x} = 3.$	http://toanphothong.vn/showthread.php?t=3583
199.	Giải pt : $\cos 2x + 3 \sin 2x + 5 \sin x - 3 \cos x = 3.$	http://toanphothong.vn/showthread.php?t=3569
200.	Giải pt : $\sin x + 1 = \frac{3 \cos 2x - 5}{2 \cos x - 4}$	http://toanphothong.vn/showthread.php?t=3596
201.	Giải pt : $\frac{\sin x \sin 2x + 2 \sin x \cos^2 x + \sin x + \cos x}{\cos\left(x - \frac{\pi}{4}\right)} = \sqrt{6} \cos 2x.$	http://toanphothong.vn/showthread.php?t=3428
202.	Giải pt : $\frac{\cos x}{\cos 3x} - \frac{\cos 5x}{\cos x} + 8 \sin^2\left(2x + \frac{11\pi}{2}\right) = 4(\cos 2x + 1).$	http://toanphothong.vn/showthread.php?t=3153

203.	Giải pt : $(\sin x)^3 + \frac{(1 + \cos 2x)^2}{2 \sin 2x} = 2 \cos 2x$	http://toanphothong.vn/showthread.php?t=3208
204.	Giải pt : $\cos 2x - \cos 6x + 4(\sin 2x + 1) = 0$	http://toanphothong.vn/showthread.php?t=1004
205.	Giải pt : $3 \left(\sin x + \cos x - \frac{2 \cos x + \cos 3x}{1 + 2 \cos 2x} \right) = 2 - \cos 2x$	http://toanphothong.vn/showthread.php?t=3094
206.	Giải pt : $\frac{\cos^2 x \cdot (\cos x - 1)}{\sin x + \cos x} = 2 \cdot (1 + \sin x)$	http://toanphothong.vn/showthread.php?t=3073
207.	Giải pt : $\frac{1}{\cos^2 x} - (\cos x + \sin x \tan \frac{x}{2}) = \frac{\sin \left(x - \frac{\pi}{6} \right) + \cos \left(\frac{\pi}{3} - x \right)}{\cos x}$	http://toanphothong.vn/showthread.php?t=4074
208.	Giải pt : $\frac{(1 + \tan x)(2 \cos 2x - 1)}{\sin \left(x + \frac{\pi}{4} \right)} = 2\sqrt{2} \cos 3x$	http://toanphothong.vn/showthread.php?t=4163
209.	Giải pt : $\cos x + \frac{1}{16 \sin^3 x} = \sin x \cdot \cos^2 2x$	http://toanphothong.vn/showthread.php?t=4218
210.	Giải pt : $\frac{\sin^2 x}{\cos x} + \frac{\sin^2 3x}{\cos 3x} = \tan 2x(\sin x + \sin 3x)$	http://toanphothong.vn/showthread.php?t=4184
211.	Giải pt : $\frac{\cos x + \sin^2 x}{\sin x - \sin^2 x} = 1 + \sin x + \cot x.$	http://toanphothong.vn/showthread.php?t=4111
212.	Giải pt : $\sin^3 x - \cos^3 x - \sin x \cos x + 2 \cos x = 1$	http://toanphothong.vn/showthread.php?t=4177
213.	Giải pt : $\sin 3x - 2(\cos x - \sin x) + 2 \cos \left(\frac{3x}{2} + \pi \right) \sin \left(\frac{3x}{2} - \frac{\pi}{2} \right) - 1 = 0$	http://toanphothong.vn/showthread.php?t=4145
214.	Giải pt : $(1 + 2 \sin x) \cos x = 2(\cos^2 x + \cos^4 x) + 1$	http://toanphothong.vn/showthread.php?t=4131
215.	Giải pt : $\frac{\sqrt{3} \cos 2x + 2 \cos 4x + 1}{(\sin x - \cos x)^2} = 1$	http://toanphothong.vn/showthread.php?t=4090
216.	Giải pt : $4 \sin^2 \frac{x}{2} - \sqrt{3} \cos 2x = 1 + 2 \cos^2 \left(x - \frac{3\pi}{4} \right).$	http://toanphothong.vn/showthread.php?t=4023
217.	Giải pt : $\sin 4x - \cos 4x = 1 + 4(\sin x - \cos x).$	http://toanphothong.vn/showthread.php?t=3971
218.	Giải pt : $\cos^4 x - \cos 2x + 2 \sin^6 x = 0$	http://toanphothong.vn/showthread.php?t=3991
219.	Giải pt : $\sin \left(\frac{3\pi}{10} - \frac{x}{2} \right) = \frac{1}{2} \sin \left(\frac{\pi}{10} + \frac{3x}{2} \right).$	http://toanphothong.vn/showthread.php?t=3932
220.	Giải pt : $2 \sin^3 x + 6 \sin x - 9 = 4 \cos 6x - 3 \cos 2x$	http://toanphothong.vn/showthread.php?t=3925
221.	Giải pt : $\cos x - \sin 3x = \sqrt{2}(\cos x - \sin x) \sin 4x.$	http://toanphothong.vn/showthread.php?t=3823
222.	Giải pt : $2 \cos 5x \cos 3x + \sin x = \cos 8x, (x \in \mathbb{R})$	http://toanphothong.vn/showthread.php?t=3650
223.	Giải pt : $\sin 4x(\cos x - 2 \sin 4x) + \cos 4x(1 + \sin x - 2 \cos 4x) = 0$	http://toanphothong.vn/showthread.php?t=3796
224.	Giải pt : $2 \sin^3 x + 6 \sin x - 9 = 4 \cos 6x - 3 \cos 2x.$	http://toanphothong.vn/showthread.php?t=3884

225.	Giải pt : $\frac{(1-2\sin x)\cos x}{(1+2\sin x)(1-\sin x)} = \sqrt{3}$	http://toanphothong.vn/showthread.php?t=4941
226.	Giải pt : $\frac{1}{\cos^2 x} - \frac{1}{\sin^2 x} = \frac{8}{3} \cot\left(x + \frac{\pi}{3}\right) \cdot \cot\left(\frac{\pi}{6} - x\right)$	http://toanphothong.vn/showthread.php?t=4926
227.	Giải pt : $\sin x + \frac{1}{2}\sin 2x + \frac{1}{3}\sin 3x + \frac{1}{4}\sin 4x = \frac{2}{3}(1+\cos x)(\sin^5 x + 4)$	http://toanphothong.vn/showthread.php?t=4914
228.	Giải pt : $\sin 2x - 4\cos^2 x + 6\sin x - \cos x = 0$	http://toanphothong.vn/showthread.php?t=4897
229.	Giải pt : $\frac{1-4\sin\left(\frac{\pi}{4}-2x\right)\sin\left(\frac{\pi}{4}-x\right)}{2(1+2\cos 2x)(\sin x+2\cos x)+1} = \frac{\sin x}{\sin x}$	http://toanphothong.vn/showthread.php?t=4494
230.	Giải pt : $\frac{1}{\sin x} + \frac{\sin 3x + 2\cos x}{1 + \cos^2 x} = \frac{2}{\cos x}$	http://toanphothong.vn/showthread.php?t=4851
231.	Giải pt : $\tan^3 x + \cot^3 x + \tan^2 x + \cot^2 x = 1$	http://toanphothong.vn/showthread.php?t=4833
232.	Giải pt : $\sin^6\left(x + \frac{\pi}{6}\right) + \cos^6\left(x + \frac{\pi}{6}\right) = \frac{7}{6}\cos^4 x + \sin^4 x$	http://toanphothong.vn/showthread.php?t=4834
233.	Giải pt : $\frac{2\sqrt{3}\cos^2 x + 2\sin 3x \cdot \cos x - 4\sin x - \sqrt{3}}{\sqrt{3}\sin x + \cos x} = 1$	http://toanphothong.vn/showthread.php?t=4536
234.	Giải pt : $\cos^3 x \cdot \cos 3x + \sin^2 x \cdot \sin 3x = \frac{\sqrt{2}}{4}$	http://toanphothong.vn/showthread.php?t=4715
235.	Giải pt : $\cos 2x + \sqrt{2}\sin x \left(\sin\left(\frac{\pi}{4} + 3x\right) - \cos\left(\frac{3\pi}{4} - 3x\right) + 1 \right) = 2\sin^2\left(2x + \frac{\pi}{4}\right)$	http://toanphothong.vn/showthread.php?t=4652
236.	Giải pt : $\frac{5 + \cos 2x}{3 + 2\tan x} = 2\cos x$	http://toanphothong.vn/showthread.php?t=4639
237.	Giải pt : $\frac{(1 + \cos 2x + \sin 2x)\cos x + \cos 2x}{1 + \tan x} = \cos x$	http://toanphothong.vn/showthread.php?t=4604
238.	Giải pt : $\frac{2\sin\left(x + \frac{\pi}{4}\right)\cos\left(2x - \frac{\pi}{4}\right) - 2\sin^2 x + 4\cos^2 \frac{x}{2} + 1}{\cos 2x + 3\cos x + 2} = 1$	http://toanphothong.vn/showthread.php?t=4591
239.	Giải pt : $\frac{4\sin x \cdot \sin\left(x + \frac{\pi}{3}\right) \cdot \sin\left(x - \frac{\pi}{3}\right)}{2\sin x - 3\cos x} - \cos 2x = 1$	http://toanphothong.vn/showthread.php?t=4558
240.	Giải pt : $(1 + \sin x)(1 - 2\sin x) + 2(1 + 2\sin x)\cos x = 0$	http://toanphothong.vn/showthread.php?t=4477
241.	Giải pt : $(\tan x \cot 2x - 1)\sin\left(4x + \frac{\pi}{2}\right) = -\frac{1}{2}(\sin^4 x + \cos^4 x)$	http://toanphothong.vn/showthread.php?t=4385
242.	Giải pt : $\frac{3\sin 3x - \cos 5x - 3}{\cos x} = 4\sin x - 1$	http://toanphothong.vn/showthread.php?t=4320

243.	Giải pt : $\frac{1}{\cos^2 x} - (\cos x + \sin x \tan \frac{x}{2}) = \frac{\sin(x - \frac{\pi}{6}) + \cos(\frac{\pi}{3} - x)}{\cos x}$	http://toanphothong.vn/showthread.php?t=4339
244.	Giải pt : $\sin 2x [\sin 6x + 5 \sin x (1 - \cot 2x \cot x)] = \cos 3x (\cos x + \sqrt{3} \sin 5x - 3)$	http://toanphothong.vn/showthread.php?t=4289
245.	Giải pt : $1 + \sin x + \cos x = 2 \cos(\frac{x}{2} - \frac{\pi}{4})$	http://toanphothong.vn/showthread.php?t=5591
246.	Giải pt : $\frac{1}{\sin x} + \frac{\sin 3x + 2 \cos x}{1 + \cos^2 x} - \frac{2}{\cos x} = 0$	http://toanphothong.vn/showthread.php?t=5525
247.	Giải pt : $\tan^2 x = 8 \cos^2 x + 3 \sin 2x$	http://toanphothong.vn/showthread.php?t=5289
248.	Giải pt : $3 \tan^3 x - 3 \tan x + \frac{3(1 + \sin x)}{\tan^2 x} - 8 \cos^2(\frac{\pi}{4} - \frac{x}{2}) = 0$	http://toanphothong.vn/showthread.php?t=5482
249.	Giải pt : $\frac{\sin^{10} x + \cos^{10} x}{4} = \frac{\sin^6 x + \cos^6 x}{4 \cos^2 2x + \sin^2 2x}$	http://toanphothong.vn/showthread.php?t=5432
250.	Giải pt : $\frac{(\cos x + \sin x)(2 \sin 2x + 1) + 4 \cos 2x}{(\cos x - \sin x)(2 \sin 2x + 1) + 2} = \sqrt{3}$	http://toanphothong.vn/showthread.php?t=5387
251.	Giải pt : $\sin 3x + \cos x - 2\sqrt{2} \cos(x + \frac{\pi}{4}) + 1 = 0$	http://toanphothong.vn/showthread.php?t=5401
252.	Giải pt : $\cos 2x + \cos x(2 \tan^2 x - 1) = 2$	http://toanphothong.vn/showthread.php?t=5360
253.	Giải pt : $2 \sin x + 4 \cos x = 1 + 3 \cos 2x$	http://toanphothong.vn/showthread.php?t=5353
254.	Giải pt : $\cos 2x + 3 \sin 2x + 9\sqrt{2} \cos(x - \frac{9\pi}{4}) = 3$	http://toanphothong.vn/showthread.php?t=5312
255.	Giải pt : $(1 + 2 \sin x) \cdot \cos x = 2(\cos^4 x + \cos^2 x) + 1$	http://toanphothong.vn/showthread.php?t=5271
256.	Giải pt : $(2 \sin 5x - 1)(2 \cos 2x - 1) = 2 \sin x$	http://toanphothong.vn/showthread.php?t=5252
257.	Giải pt : $\sin 4x + \sin 3x + \cos x = 4 \sin x + 2.$	http://toanphothong.vn/showthread.php?t=5144
258.	Giải pt : $(1 + 2 \sin x) \cos(2x + \frac{\pi}{3}) = \frac{1}{2}.$	http://toanphothong.vn/showthread.php?t=5148
259.	Giải pt : $\cos 8x + 3 \cos 4x + 3 \cos 2x = 8 \cos x \cdot \cos^3 3x - \frac{1}{2}.$	http://toanphothong.vn/showthread.php?t=5145
260.	Giải pt : $\sin 2x + \sin x - \frac{1}{2 \sin x} - \frac{1}{\sin 2x} = 2 \cot 2x$	http://toanphothong.vn/showthread.php?t=5107
261.	Giải pt : $\cot x - \tan x + 4 \sin 2x = \frac{2}{\sin 2x}.$	http://toanphothong.vn/showthread.php?t=5033
262.	Giải pt : $\frac{2(\cos^4 x - \sin^4 x) + 1}{2 \cos(\frac{x}{2} - \frac{\pi}{3})} = \sqrt{3} \cos x + \sin x$	http://toanphothong.vn/showthread.php?t=5012

263.	Giải pt : $\frac{(\cos x + 3)(1 - \cos x)}{\cos x} = 2 \sin x \cdot \cos^2 \left(\frac{3\pi}{4} - \frac{x}{2} \right) + 3 \tan x$	http://toanphothong.vn/showthread.php?t=4612
264.	Giải pt : $4 \sin^3 x \cdot \cos 3x + 4 \cos^3 x \cdot \sin 3x + 3\sqrt{3} \cos 4x = 3$	http://toanphothong.vn/showthread.php?t=6147
265.	Giải pt : $\cos 2x(\sqrt{3} \sin x - 1) = \cos 4x + \cos 2x \cos x$	http://toanphothong.vn/showthread.php?t=6131
266.	Giải pt : $\left[4 \cos^2 \left(x + \frac{\pi}{12} \right) - 1 \right] \sin 2x = 2(\sin 7x - \sin 3x) \cos \left(5x - \frac{\pi}{3} \right)$	http://toanphothong.vn/showthread.php?t=6103
267.	Giải pt : $\sqrt{2}(\sin x + \sqrt{3} \cos x) = \sqrt{3} \cos 2x - \sin 2x$	http://toanphothong.vn/showthread.php?t=6097
268.	Giải pt : $\sin 2x - (\sin x + \cos x + 1)(2 \sin x - 3) = 0$	http://toanphothong.vn/showthread.php?t=6081
269.	Giải pt : $(1 + 2 \sin x) \cos x = 2(\cos 2x + \cos 4x) + 1.$	http://toanphothong.vn/showthread.php?t=6040
270.	Giải pt : $\cot \frac{x}{2} - \frac{1 + \cos 3x}{\sin 2x - \sin x} = 2 \sin \left(3x + \frac{\pi}{3} \right)$	http://toanphothong.vn/showthread.php?t=5916
271.	Giải pt : $\frac{\sin x + \cos x}{\cos 5x} = \frac{2}{\cot x - 3}$	http://toanphothong.vn/showthread.php?t=5672
272.	Giải pt : $\frac{(1 + 2 \cos x \cdot \cos 3x) \cos \left(x + \frac{\pi}{4} \right)}{1 - \sin 2x} = \sqrt{2}(\cos x + \sin x)$	http://toanphothong.vn/showthread.php?t=5896
273.	Giải pt : $\cos 2x - \sin 2x = 2 \cos x.$	http://toanphothong.vn/showthread.php?t=5984
274.	Giải pt : $\frac{\tan 2x}{\tan 3x} = \frac{2}{1 + 2 \sin \left(2x + \frac{\pi}{2} \right)}$	http://toanphothong.vn/showthread.php?t=5321
275.	Giải pt : $\sqrt{2(1 - \sin 2x)} \sin \left(x + \frac{3\pi}{4} \right) + \cos 2x = 0$	http://toanphothong.vn/showthread.php?t=5883
276.	Giải pt : $2(1 + \cos x) \left(\cot^2 x + 1 \right) = \frac{\sin x - 1}{\cos x + \sin x}$	http://toanphothong.vn/showthread.php?t=5085
277.	Giải pt : $\frac{4(\sin x + \sqrt{3} \cos x) - 4\sqrt{3} \sin x \cos x - 3}{4 \cos^2 x - 1} = 1.$	http://toanphothong.vn/showthread.php?t=5373
278.	Giải pt : $2 \cos x + \sqrt{2} \sin 10x = 3\sqrt{2} + 2 \cos 28x \cdot \sin x$	http://toanphothong.vn/showthread.php?t=5681
279.	Giải pt : $\sin^2 x + \sin x \cdot \cos 4x + \cos^2 4x = \frac{3}{4}$	http://toanphothong.vn/showthread.php?t=6679
280.	Giải pt : $\cos 3x \cdot \cos^3 x - \sin 3x \cdot \sin^3 x = \frac{2 + 3\sqrt{2}}{8}$	http://toanphothong.vn/showthread.php?t=6674
281.	Giải pt : $\sin x + 1 = \sin^4 x \cdot (\cos^2 x + 1)^2$	http://toanphothong.vn/showthread.php?t=6673

282.	Giải pt : $3(\cot x - \cos x) - 5(\tan x - \sin x) = 2$	http://toanphothong.vn/showthread.php?t=6665
283.	Giải pt : $2\sin^2 x - \sin x = 2\cos^3 x - \cos x + \cos 2x$	http://toanphothong.vn/showthread.php?t=6389
284.	Giải pt : $4\cos(x - \frac{\pi}{3}) + \cot x = 3\cot 2x$	http://toanphothong.vn/showthread.php?t=6638
285.	Giải pt : $\sin 2x + 3\sin x + 1 = 0$	http://toanphothong.vn/showthread.php?t=6602
286.	Giải pt : $\sqrt{3}\cos 2x - \sin 2x + 3\sin x + \sqrt{3}\cos x = \sqrt{3}$	http://toanphothong.vn/showthread.php?t=6617
287.	Giải pt : $(\sin x + 1)(3 - 6\sin x - \cos 4x) = \sin 4x \cdot \cos x$	http://toanphothong.vn/showthread.php?t=6456
288.	Giải pt : $\sin 2x + \tan 2x = \frac{3}{2}\cot x$	http://toanphothong.vn/showthread.php?t=6390
289.	Giải pt : $1 - \frac{x^2}{2} = \cos x$	http://toanphothong.vn/showthread.php?t=6388
290.	Giải pt : $\cos x = \cos^2(\frac{3x}{8})$	http://toanphothong.vn/showthread.php?t=6371
291.	Giải pt : $\frac{\sin 3x}{3} = \frac{\sin 5x}{5}$	http://toanphothong.vn/showthread.php?t=6391
292.	Giải pt : $4\cos^4 x - \cos 2x - \frac{\cos 4x}{2} + \cos \frac{3x}{4} = \frac{7}{2}$	http://toanphothong.vn/showthread.php?t=6356
293.	Giải pt : $\frac{2(1 + \sin 2x) + \cos 4x - \sqrt{3}\sin 4x}{\sin 2x - \sqrt{3}\cos 2x} = 2\sqrt{2}\sin(x + \frac{\pi}{4})$	http://toanphothong.vn/showthread.php?t=6327
294.	Giải pt : $4\sin x + \cos x = \cos 2x + 3$	http://toanphothong.vn/showthread.php?t=6315
295.	Giải pt : $\sin x - 3\cos x + \sin x \cos x + 1 = 0$	http://toanphothong.vn/showthread.php?t=6274
296.	Giải pt : $(1 + \sin x)(1 - 2\sin x) + 2\cos x(1 + 2\sin x) = 0$	http://toanphothong.vn/showthread.php?t=6267
297.	Giải pt : $\frac{1 + \sin x - \cos^2 x}{\sin^2 x} \cdot \tan\left(\frac{\pi}{4} - \frac{x}{2}\right) = \tan x + 2\sqrt{3}$	http://toanphothong.vn/showthread.php?t=6150
298.	Giải pt : $3\tan 3x + \cot 2x = 2\tan x + \frac{2}{\sin 4x}$	http://toanphothong.vn/showthread.php?t=7022
299.	Giải pt : $16(\sin^6 x + \cos^6 x) - 3\sin 4x[2 + \sqrt{2}(1 + \tan x \tan 2x)] = 10$	http://toanphothong.vn/showthread.php?t=4373
300.	Giải pt : $4\cos^2 x + 3\tan^2 x - 4\sqrt{3}\cos x + 2\sqrt{3}\tan x + 4 = 0$	http://toanphothong.vn/showthread.php?t=6998
301.	Giải pt :	
302.	Giải pt :	
303.	Giải pt : $\frac{\sin 2x - \sqrt{3}\cos 2x - \sqrt{3}\sin x - \cos x + \sqrt{3}}{2\sin x - 1} = 1$	http://toanphothong.vn/showthread.php?t=6984
304.	Giải pt : $7\sin x + 6\sin 3x + 5\sin 5x + 4\sin 7x = 0$	http://toanphothong.vn/showthread.php?t=6960

305.	Giải pt : $\frac{1}{\sqrt{2}} \cot x + \frac{\sin 2x}{\sin x + \cos x} = 2 \sin(x + \frac{\pi}{2})$	http://toanphothong.vn/showthread.php?t=6965
306.	Giải pt : $\sin^5 x + \cos^5 x = \frac{11}{16}(\sin x + \cos x)$.	http://toanphothong.vn/showthread.php?t=6942
307.	Giải pt : $\sin 4x \cdot \sin x = 2\sqrt{2} \cos(\frac{\pi}{6} - x) - 4\sqrt{3} \cos^2 x \sin x \cos 2x$	http://toanphothong.vn/showthread.php?t=6946
308.	Giải pt : $2 \sin 4x + \sqrt{3} = 3 \sin 2x + \sqrt{3} \cos 2x$	http://toanphothong.vn/showthread.php?t=6934
309.	Giải pt : $\sin 3x + \sin 2x + \sin x + 1 = \cos 3x + \cos 2x - \cos x$.	http://toanphothong.vn/showthread.php?t=6826
310.	Giải pt : $2 \cos^2 \left(\frac{\pi}{4} - 3x \right) - 4 \cos 4x - 15 \sin 2x = 21$	http://toanphothong.vn/showthread.php?t=6903
311.	Giải pt : $\tan \left(2x - \frac{\pi}{4} \right) \cdot \tan \left(2x + \frac{\pi}{4} \right) = \frac{4 \cos^2 2x}{\tan x - \cot x}$	http://toanphothong.vn/showthread.php?t=6847
312.	Giải pt : $3 \sin^4 x + 2 \cos^2 3x + \cos 3x = 3 \cos^4 x - \cos x + 1$	http://toanphothong.vn/showthread.php?t=6860
313.	Giải pt : $\cos x + \cos 2x + \cos 3x + \cos 4x + \cos 5x = -\frac{1}{2}$	http://toanphothong.vn/showthread.php?t=6844
314.	Giải pt : $(1 - 2 \sin x) \cos x = 2(\cos^2 x + \cos^4 x) + 1$	http://toanphothong.vn/showthread.php?t=6839
315.	Giải pt : $16(\sin^6 x + \cos^6 x) - 3 \sin 4x[2 + \sqrt{2}(1 + \tan x \tan 2x)] = 10$	http://toanphothong.vn/showthread.php?t=6707
316.	Giải pt : $4 \sin x \cdot \sin \left(\frac{\pi}{3} + x \right) \sin \left(\frac{\pi}{3} - x \right) + 4\sqrt{3} \cdot \cos x \cdot \cos \left(\frac{2\pi}{3} + x \right) \cdot \cos \left(\frac{4\pi}{3} + x \right) = 2$.	http://toanphothong.vn/showthread.php?t=6768
317.	Giải pt : $\sin x + \cos 2x + \cos 3x = 4 \cos \frac{x}{2} \cos \left(x + \frac{\pi}{4} \right)$	http://toanphothong.vn/showthread.php?t=6717
318.	Giải pt : $\frac{(\cos x + 3)(1 - \cos x)}{\cos x} = 2 \sin x \cos^2 \left(\frac{3\pi}{4} - \frac{x}{2} \right) + 3 \tan x$	http://toanphothong.vn/showthread.php?t=6708
319.	Giải pt : $\tan x + 2 \tan 3x = \tan 7x$	http://toanphothong.vn/showthread.php?t=6664
320.	Giải pt : $1 + 4 \cos x \cos 3x = \tan 5x$	http://toanphothong.vn/showthread.php?t=7302
321.	Giải pt : $\sin \frac{\pi}{x} = \cos \pi x$	http://toanphothong.vn/showthread.php?t=7301
322.	Giải pt : $2 \sin(x + \frac{\pi}{3}) + 2 \cos(\frac{x}{2} + \frac{\pi}{4}) = 3 \sin(\frac{x}{4} + \frac{\pi}{8}) + \sqrt{3} \cos(\frac{x}{4} + \frac{\pi}{8})$	http://toanphothong.vn/showthread.php?t=7294
323.	Giải pt : $4(\sin^3 x + \cos^3 x) = \cos x + 3 \sin x$	http://toanphothong.vn/showthread.php?t=7280
324.	Giải pt : $\frac{4\sqrt{2}(\sin x - \cos x)^2(1 + 2 \sin 2x)}{\sin 3x + \sin 5x} = 3(1 - \tan x)$	http://toanphothong.vn/showthread.php?t=7105
325.	Giải pt : $\cos x(4 \cos^2 x - 3)^3 \cos 2x - 1 = 0$	http://toanphothong.vn/showthread.php?t=7089

326.	Giải pt : $(\sin x - \sin 2x)(\cos x - \cos 2x) = \sqrt{3}$	http://toanphothong.vn/showthread.php?t=7279
327.	Giải pt : $\sin \frac{x}{2} - \cos \frac{x}{2} \sin x - 1 = 0$	http://toanphothong.vn/showthread.php?t=7154
328.	Giải pt : $\frac{2 \sin^2 \frac{5x}{2} - \sin 3x}{\cos x} = -4 \cos(x + \frac{\pi}{2}) - 1$	http://toanphothong.vn/showthread.php?t=7131
329.	Giải pt : $2(\sin x + 1)(\sin^2 2x - 3 \sin x + 1) = \sin 4x \cos x$	http://toanphothong.vn/showthread.php?t=7109
330.	Giải pt : $4 \sin^2 \frac{x}{2} - \sqrt{3} \cos 2x = 1 + 2 \cos^2 \left(x - \frac{3\pi}{4} \right)$	http://toanphothong.vn/showthread.php?t=6654
331.	Giải pt : $\cos^3 x + 1 = 2\sqrt{\cos x} - 1$	http://toanphothong.vn/showthread.php?t=7093
332.	Giải pt : $\frac{\sin 4x + \sin 2x - 4 \sin 3x + 2 \cos 2x - 4}{\sin x - 1} = 0$	http://toanphothong.vn/showthread.php?t=7100
333.	Giải pt : $2 \sin^3 x + 6 \sin x - 9 = 4 \cos 6x - 3 \cos 2x$	http://toanphothong.vn/showthread.php?t=7101
334.	Giải pt : $\cot x - 1 = \frac{\cos 2x}{1 + \tan x} + \sin^2 x - \frac{1}{2} \sin 2x$	http://toanphothong.vn/showthread.php?t=7055
335.	Giải pt : $\tan x - 3 \cot x = 4(\sin x + \sqrt{3} \cos x)$	http://toanphothong.vn/showthread.php?t=7075
336.	Giải pt : $(1 + \cos x)(1 + \cos 2x)(1 + \cos 3x) = \frac{1}{2}$	http://toanphothong.vn/showthread.php?t=6736
337.	Giải pt : $\cos 2x + \frac{\sin 3x - \cos 3x}{2 \sin 2x - 1} = \sin x(1 + \tan x)$	http://toanphothong.vn/showthread.php?t=6810
338.	Giải pt : $1 + \sin 2x + 2\sqrt{2} \cos 3x \sin \left(x + \frac{\pi}{4} \right) = 2 \sin x + 2 \cos 3x + \cos 2x$	http://toanphothong.vn/showthread.php?t=6976
339.	Giải pt : $\frac{\cos 2x - 1}{\cos^2 x} = \tan \left(\frac{3\pi}{2} + x \right) - 3 \cot^2 \left(\frac{7\pi}{2} - x \right)$	http://toanphothong.vn/showthread.php?t=7572
340.	Giải pt : $(1 - 4 \cos^2 x) \cdot \sin 3x = \frac{1}{2}$	http://toanphothong.vn/showthread.php?t=7564
341.	Giải pt : $5 \cos^2 x - \sqrt{3} \sin 2x = \sin^3 x + 1$	http://toanphothong.vn/showthread.php?t=7547
342.	Giải pt : $\cos 3x + \sin 2x - \cos x - 1 = 0$	http://toanphothong.vn/showthread.php?t=7546
343.	Giải pt : $1 + 2 \cos x + \sin x \cos x = 0$	http://toanphothong.vn/showthread.php?t=7545
344.	Giải pt : $\sin 2x + \cos x = \sqrt{1 + \sin x}$	http://toanphothong.vn/showthread.php?t=7530
345.	Giải pt : $2(1 + \sin x) \left(\tan^2 x + 1 \right) = \frac{\cos x - 1}{\sin x + \cos x}$	http://toanphothong.vn/showthread.php?t=7525
346.	Giải pt : $\tan x + 2 \sin x = 2\sqrt{3}$	http://toanphothong.vn/showthread.php?t=7504
347.	Giải pt : $(1 - \sin x)(1 + \cos x) = 2 \sin^2 2x$	http://toanphothong.vn/showthread.php?t=7462
348.	Giải pt : $\sin^2 x - 3 \sin x \cos x - \sin x + \cos x + 1 = 0$	http://toanphothong.vn/showthread.php?t=7464

349.	Giải pt : $2\sin^3 x = \cos 3x$	http://toanphothong.vn/showthread.php?t=7440
350.	Giải pt : $1 + \sin 2x + \cos 2x = \sqrt{6} \sin\left(x + \frac{\pi}{4}\right)$	http://toanphothong.vn/showthread.php?t=7441
351.	Giải pt : $\sin 2x \sin x + \sin x + \cos x + 1 = 0$	http://toanphothong.vn/showthread.php?t=7433
352.	Giải pt : $\frac{3}{\sin 2x} = 2 \cos 2x + 4 \sin 2x$	http://toanphothong.vn/showthread.php?t=7434
353.	Giải pt : $2\sin\left(3x + \frac{\pi}{4}\right) = \sqrt{1 + 8 \cdot \sin 2x \cdot \cos^2 2x}$	http://toanphothong.vn/showthread.php?t=7420
354.	Giải pt : $\cos 2x - \sqrt{2} \sin x - \sqrt{3} \sin x - \cos x + 4 = 0$	http://toanphothong.vn/showthread.php?t=7357
355.	Giải pt : $\sqrt{-x^8 + 3x^4 - 2} \sin[\pi(16x^2 + 2x)] = 0$	http://toanphothong.vn/showthread.php?t=7342
356.	Giải pt : $2(\cos x + \sqrt{3} \sin x) \cos x = \cos x - \sqrt{3} \sin x + 1$	http://toanphothong.vn/showthread.php?t=7313
357.	Giải pt : $\sin x \cos 2x + \cos^2 x (\tan^2 x - 1) + 2 \sin^3 x = 0$	http://toanphothong.vn/showthread.php?t=7703
358.	Giải pt : $1 - (2 + \sqrt{2}) \sin x + \frac{2\sqrt{2}}{1 + \cot^2 x} = 0$	http://toanphothong.vn/showthread.php?t=7704
359.	Giải pt : $5\left(\sin x + \frac{\cos 3x + \sin 3x}{1 + 2 \sin 2x}\right) = \cos 2x + 3$	http://toanphothong.vn/showthread.php?t=7705
360.	Giải pt : $\frac{4 \sin^2 2x + 6 \sin^2 x - 9 - 3 \cos 2x}{\cos x} = 0$	http://toanphothong.vn/showthread.php?t=7702
361.	Giải pt : $4 \sin^2 2x + 6 \sin^2 x - 9 - 3 \cos 2x = 0$	http://toanphothong.vn/showthread.php?t=7708
362.	Giải pt : $\frac{(3 + 2 \sin x) \cos x - (1 + \cos^2 x)}{1 + \sin 2x} = 1$	http://toanphothong.vn/showthread.php?t=7707
363.	Giải pt : $2 \sin^3 x - (\sin x + \cos x) = \sin^2 x (1 - 2 \cos x) + \sin x \cos x$	http://toanphothong.vn/showthread.php?t=7693
364.	Giải pt : $3\left(1 + \frac{\cos 2x}{\cos^2 x}\right)^4 + \tan^6 x = 7$	http://toanphothong.vn/showthread.php?t=7683
365.	Giải pt : $\cos x + 3(\sin 2x - 8 \sin x) = 0$	http://toanphothong.vn/showthread.php?t=7682
366.	Giải pt : $\cos x \cos 2x \cos 4x = \frac{1}{8}$	http://toanphothong.vn/showthread.php?t=7674
367.	Giải pt : $(1 + \tan x) \cos 5x = \sin x + \cos x + 2 \cos 4x - 2 \cos 2x$	http://toanphothong.vn/showthread.php?t=7662
368.	Giải pt : $9 \sin^2 x + 9 \cos^2 x = 1$	http://toanphothong.vn/showthread.php?t=7655
369.	Giải pt : $\cos^2\left(x + \frac{\pi}{4}\right) - \cos^2\left(2x + \frac{\pi}{4}\right) = \frac{\tan x}{1 - \tan^2 x}$	http://toanphothong.vn/showthread.php?t=7644
370.	Giải pt : $\cos(\pi \sin x) = \cos(3\pi \sin x)$	http://toanphothong.vn/showthread.php?t=7629
371.	Giải pt : $\cos^3 x \sin x - \sin^3 x \cos x = \frac{\sin 3x}{4}$	http://toanphothong.vn/showthread.php?t=7620

372.	Giải pt : $\sin x + \sin 2x + \sin 3x = 0$	http://toanphothong.vn/showthread.php?t=7621
373.	Giải pt : $1 + \cos x + \cos 2x + \cos 3x = 0$	http://toanphothong.vn/showthread.php?t=7622
374.	Giải pt : $\cos^3(x - \frac{\pi}{4}) = \sqrt{2} \cos x$	http://toanphothong.vn/showthread.php?t=7795
375.	Giải pt : $\frac{2(1 - \sin 2x)}{(1 + \sin 2x)} - 2 \tan(x - \frac{\pi}{4}) - 1 = 0$	http://toanphothong.vn/showthread.php?t=7804
376.	Giải pt : $3 + \sqrt{3} \tan x = 8 \sin^2 x$	http://toanphothong.vn/showthread.php?t=7805
377.	Giải pt : $\sin^3 x + \cos^3 x = 1 + \sin^2(2x)$	http://toanphothong.vn/showthread.php?t=7801
378.	Giải pt : $\sin^3 x + \sin^2 x + 2 \cos x - 2 = 0$	http://toanphothong.vn/showthread.php?t=7800
379.	Giải pt : $\sqrt{3} \sin 3x = 4 \cos x \cos(\frac{\pi}{3} + x) \cos(\frac{\pi}{3} - x)$	http://toanphothong.vn/showthread.php?t=7797
380.	Giải pt : $\cos 3x = 2 \sin(x + \frac{\pi}{6})$	http://toanphothong.vn/showthread.php?t=7796
381.	Giải pt : $\sin(2x + \frac{17\pi}{2}) + 16 = 2\sqrt{3} \sin x \cos x + 20 \sin^2(\frac{x}{2} + \frac{\pi}{2})$	http://toanphothong.vn/showthread.php?t=4806
382.	Giải pt : $\sqrt{3} \tan^2 x - 4 \tan x + \sqrt{3} = 0$	http://toanphothong.vn/showthread.php?t=7777
383.	Giải pt : $\cos \left[\frac{\pi}{4} \sin \left(4x + \frac{\pi}{5} \right) \right] = \frac{1}{2}$	http://toanphothong.vn/showthread.php?t=7767
384.	Giải pt : $(\sin x + \cos x)(1 - 2 \sin 2x) = \sqrt{2}$	http://toanphothong.vn/showthread.php?t=7772
385.	Giải pt : $\sin^2 x - \cos(2x)(\sin x + \cos x) + \sin x \cos x = 0$	http://toanphothong.vn/showthread.php?t=7761
386.	Giải pt : $\sin x + 3 \sin 2x - 3 \cos 2x - \cos 3x = 0$	http://toanphothong.vn/showthread.php?t=7760
387.	Giải pt : $\sin \left(\frac{\pi}{x} \right) = \cos(\pi x)$	http://toanphothong.vn/showthread.php?t=7757
388.	Giải pt : $\sqrt{1 + \cos 2x} = \sin x - \cos x - 1$	http://toanphothong.vn/showthread.php?t=7758
389.	Giải pt : $(\sin x - \cos x)(1 + \sin x \cos x) - 9 \cos^2 x + 4 \sin x - 13 \cos x - 5 = 0$	http://toanphothong.vn/showthread.php?t=7759
390.	Giải pt : $\frac{2 \sin x (\sqrt{3} \sin x + \cos x) - 2 \cos 3x - \sqrt{3}}{2 \sin x - 1} = 0$	http://toanphothong.vn/showthread.php?t=7739
391.	Giải pt : $\tan \left[\frac{\pi}{4} (\sin x + 1) \right] = 1$	http://toanphothong.vn/showthread.php?t=7630
392.	Giải pt : $4 \sin^4 2x + 4 \cos^4 2x + \cos 4x = 3$	http://toanphothong.vn/showthread.php?t=7706
393.	Giải pt : $\sin x + \cos x + \sqrt{2}x - 1 = 0$	
394.	Giải pt : $\cos^2 x - \sqrt{3} \sin 2x = 1 + \sin^2 x$	http://toanphothong.vn/showthread.php?t=7904
395.	Giải pt : $4 \sin^3 x = \sin x + \cos x$	http://toanphothong.vn/showthread.php?t=7906
396.	Giải pt : $12 \sin^2 x + 3 \sin 2x - 2 \cos^2 x = 2$	http://toanphothong.vn/showthread.php?t=7905
397.	Giải pt : $\sin^4 x + 5 \sin^2 x \cos^2 x - 6 \cos^4 x = 0$	http://toanphothong.vn/showthread.php?t=7907
398.	Giải pt : $\cos^3 x + \cos x + \sin^3 x - \sin x = 0$	http://toanphothong.vn/showthread.php?t=7909

399.	Giải pt : $2 \cos^3 x + 2 \sin^3 x - 5 \sin^2 x \cos x = 0$	http://toanphothong.vn/showthread.php?t=7908
400.	Giải pt : $\tan x (\tan x + 2 \sin x + 1) - 6 \cos x = 3 + \sin x \left(1 + \tan x \tan \frac{x}{2} \right)$	http://toanphothong.vn/showthread.php?t=7899
401.	Giải pt : $\sin x \sin 4x = 2\sqrt{2} \cos \left(\frac{\pi}{6} - x \right) - 4\sqrt{3} \cos^2 x \sin x \cos 2x$	http://toanphothong.vn/showthread.php?t=7898
402.	Giải pt : $2 \cos 3x \cos x + \sqrt{3}(1 + \sin 2x) = 2\sqrt{3} \cos^2 \left(2x + \frac{\pi}{4} \right)$	http://toanphothong.vn/showthread.php?t=7893
403.	Giải pt : $2 \cos 2x - 8 \cos x + 7 = 2 \sin 2x$	http://toanphothong.vn/showthread.php?t=7891
404.	Giải pt : $3 \sin 3x - \sqrt{3} \cos 9x = 1 + 4 \sin^3 3x$	http://toanphothong.vn/showthread.php?t=7887
405.	Giải pt : $1 + \sin \frac{x}{2} \sin x - \cos \frac{x}{2} \sin^2 x = 2 \cos^2 \left(\frac{\pi}{4} - \frac{x}{2} \right)$	http://toanphothong.vn/showthread.php?t=7886
406.	Giải pt : $\sin^4 x + \cos^4 x + \sqrt{3} \sin 4x = 2 \cos 3x$	http://toanphothong.vn/showthread.php?t=7872
407.	Giải pt : $4 \sin x + \cos x = 1 + \tan x - 3 \sin x \cdot \tan x$	http://toanphothong.vn/showthread.php?t=7845
408.	Giải pt : $1 + \cos x + \cos 2x = \sin 2x + \sin 3x + \sin 4x$	http://toanphothong.vn/showthread.php?t=7844
409.	Giải pt : $\sin 5x + \sin 2x + \cos 6x = \cos 4x + \cos x$	http://toanphothong.vn/showthread.php?t=7843
410.	Giải pt : $8 \sin x \cos x + \frac{4 \sin 3x}{1 - 2 \cos x} = 3 - \cos 2x$	http://toanphothong.vn/showthread.php?t=7838
411.	Giải pt : $\tan x + \tan 2x = \tan 3x$	http://toanphothong.vn/showthread.php?t=7821
412.	Giải pt : $3 \sin^2 2x = 2 \sin 2x + \cos 2x + 2\sqrt{2} \sin x$	http://toanphothong.vn/showthread.php?t=8103
413.	Giải pt : $2 \log_3 \tan x = \log_2 \sin x$	http://toanphothong.vn/showthread.php?t=8073
414.	Giải pt : $\sqrt{2} \sin x + \sin 2x = \sqrt{3} \cos 2x - \sqrt{6} \cos x$	http://toanphothong.vn/showthread.php?t=8062
415.	Giải pt : $\frac{\sin 3x - 4 \cos \left(x - \frac{\pi}{6} \right) - 3}{\sin 3x - 1} = 0$	http://toanphothong.vn/showthread.php?t=7947
416.	Giải pt : $\cos x \cos^2 2x - 2 \cos 2x \cos x - 2\sqrt{2} \sin 2x + 2 \cos 2x = \cos^2 2x - 4\sqrt{2} \sin x - 4 \cos x + 4$	http://toanphothong.vn/showthread.php?t=8047
417.	Giải pt : $3 \tan^3 x + 4 \tan^2 x - 1 = \sqrt[3]{\tan^6 x + 2 \tan^3 x + \tan^2 x}$	http://toanphothong.vn/showthread.php?t=8038
418.	Giải pt : $\frac{12 \tan x}{\tan^2 x + 4 \tan x + 1} - \frac{3 \tan x}{(\tan x + 1)^2} = 1$	http://toanphothong.vn/showthread.php?t=8040
419.	Giải pt : $(1 + \cos x) \sin 2x - 2 \cos 2x + 4 \cos x - 4 \sin x - 2 = 0$	http://toanphothong.vn/showthread.php?t=8035
420.	Giải pt : $3 \sin x + 8 = \sin 3x + 12 \sqrt[3]{3 \sin x - 2}$	http://toanphothong.vn/showthread.php?t=8031
421.	Giải pt : $\cos^2 x + \sqrt{\cos x} - 2\sqrt{2} \sin \frac{x}{2} \cdot \sin \left(\frac{x}{2} + \frac{\pi}{4} \right) = 0$	http://toanphothong.vn/showthread.php?t=8032
422.	Giải pt :	http://toanphothong.vn/showthread.php?t=8028

	$2 \cos^3 x + 2 \sin x \sqrt{1 - \sin x} = 3\sqrt{1 - \sin x} - \cos x$	
423.	Giải pt : $\frac{1}{\tan^2 x - 3 \tan x + 2} + \frac{1}{\tan^2 x - 5 \tan x + 6} = 1$	http://toanphothong.vn/showthread.php?t=8030
424.	Giải pt : $9 \cos\left(\frac{\pi}{2} + x\right) + 6 \cos(\pi - x) + 6 = \cos 2x - 3 \sin 2x$	http://toanphothong.vn/showthread.php?t=7942
425.	Giải pt : $\cos\left(x + \frac{7\pi}{3}\right) - \sin\left(x + \frac{7\pi}{6}\right) = \cos\left(\frac{\pi}{2} - 2x\right)$	http://toanphothong.vn/showthread.php?t=7925
426.	Giải pt : $\sqrt{2} \cos 2x = \frac{1}{\cos x} + \frac{1}{\sin x}$	http://toanphothong.vn/showthread.php?t=7914
427.	Giải pt : $\cos x + \cos 3x = 1 + \sqrt{2} \sin\left(2x + \frac{\pi}{4}\right)$	http://toanphothong.vn/showthread.php?t=7918
428.	Giải pt : $\frac{2(\cos^4 x - \sin^4 x) + 1}{2 \cos\left(\frac{x}{2} - \frac{\pi}{3}\right)} = \sqrt{3} \cos x + \sin x$	http://toanphothong.vn/showthread.php?t=7922
429.	Giải pt : $\tan^2 x + \tan 3x \tan x + 6 \cos 2x = 0$	http://toanphothong.vn/showthread.php?t=7921
430.	Giải pt : $\cos\left(2x + \frac{\pi}{4}\right) + \cos\left(2x - \frac{\pi}{4}\right) + 4 \sin x = 2 + \sqrt{2}(1 - \sin x)$	http://toanphothong.vn/showthread.php?t=7926
431.	Giải pt : $\cos 2x + \sqrt{2} \sin x \left[\sin\left(\frac{\pi}{4} + 3x\right) - \cos\left(\frac{3\pi}{4} - 3x\right) + 1 \right] = 2 \sin^2\left(2x + \frac{\pi}{4}\right)$	http://toanphothong.vn/showthread.php?t=7913
432.	Giải pt : $2 \sin^3 x - \cos 2x + \cos x = 0$	http://toanphothong.vn/showthread.php?t=8410
433.	Giải pt : $\cos x + \cos 3x + 2 \cos 5x = 0$	http://toanphothong.vn/showthread.php?t=8409
434.	Giải pt : $\sqrt{2} \cos x - 2 \sin\left(\frac{\pi}{6} - 3x\right) = 2 \sin\left(\frac{\pi}{6} + x\right) + \sqrt{6} \sin x$	http://toanphothong.vn/showthread.php?t=8407
435.	Giải pt : $\frac{\sin 3x + \cos 3x}{1 + 2 \sin 2x} = 3 \cos x + \sin x$	http://toanphothong.vn/showthread.php?t=8406
436.	Giải pt : $\frac{(2 \cos x - 1)(-3 \cos^2 \frac{3x}{4} + 6) + 2 \sin^2 x - 1}{1 - \cos \frac{x}{8}} = 0$	http://toanphothong.vn/showthread.php?t=8404
437.	Giải pt : $\sin \frac{x}{2} \cos x + \sin \frac{x}{2} \cos 3x = -2$	http://toanphothong.vn/showthread.php?t=8380
438.	Giải pt : $\sin x + \cos x = \tan x$	http://toanphothong.vn/showthread.php?t=8377
439.	Giải pt : $2 \sin x + \cos 2x = \frac{\sqrt{2}}{\cos x}$	http://toanphothong.vn/showthread.php?t=8363
440.	Giải pt : $2 \cos 2x + \sin 2x = \sin 3x$	http://toanphothong.vn/showthread.php?t=8311
441.	Giải pt :	http://toanphothong.vn/showthread.php?t=8297

	$\cos 4x + 2 \cos 2x + 1 = \cos x(2 \cos 2x + 1)$	
442.	Giải pt : $\tan 2x + \cot x = 8 \cos^2 x$	http://toanphothong.vn/showthread.php?t=8275
443.	Giải pt : $\frac{2\sqrt{3}}{3}(\tan x - \cot x) = \tan^2 x + \cot^2 2x - 2$	http://toanphothong.vn/showthread.php?t=8266
444.	Giải pt : $\cos(\sin x) = \sin(\cos x)$	http://toanphothong.vn/showthread.php?t=8249
445.	Giải pt : $\sin 4x \sin 2x + 2 \sin 3x + 2 = 0$	http://toanphothong.vn/showthread.php?t=8240
446.	Giải pt : $(\sin x - \cos x)^2 + \sin^4 x \cos^4 x = \frac{1}{4} \sin 4x$	http://toanphothong.vn/showthread.php?t=8236
447.	Giải pt : $\cos^2\left(x + \frac{\pi}{3}\right) - \sin^2\left(\frac{\pi}{3} - x\right) = \frac{2 - \sin x}{2}$	http://toanphothong.vn/showthread.php?t=8222 http://toanphothong.vn/showthread.php?t=8221
448.	Giải pt : $\cos x + \sqrt{3} \sin x = 2 \cos 2x$	http://toanphothong.vn/showthread.php?t=8221
449.	Giải pt : $x = 2012 \cos x$	http://toanphothong.vn/showthread.php?t=8161
450.	Giải pt : $\cos 2x + \cos 4x + \cos 6x = \cos x \cos 2x \cos 3x + 2$	http://toanphothong.vn/showthread.php?t=8134
451.	Giải pt : $2 \cos^2 x + 2\sqrt{3} \sin x \cos x + 1 = 3(\sin x + \sqrt{3} \cos x).$	http://toanphothong.vn/showthread.php?t=8638
452.	Giải pt : $3(1 + \frac{\cos 2x}{\cos^2 x}) + 4 \tan^6 x = 7$	http://toanphothong.vn/showthread.php?t=8571
453.	Giải pt : $\sin x = \frac{1}{2} \sin^2 3x$	http://toanphothong.vn/showthread.php?t=8546
454.	Giải pt : $\sin^2 x + \frac{\sin^2 3x}{3 \sin 4x}(\cos 3x \sin^3 x + \sin 3x \cos^3 x) = \sin x \sin^2 3x.$	http://toanphothong.vn/showthread.php?t=4008
455.	Giải pt : $\sin^2 x + \frac{1}{4} \sin^2 3x = \sin x \cdot \sin^2 3x$	http://toanphothong.vn/showthread.php?t=8528
456.	Giải pt : $2 \sin 4x + 3 \cos 2x + 16 \sin^3 x + \cos x - 5 = 0$	http://toanphothong.vn/showthread.php?t=8504
457.	Giải pt : $\sin\left(\frac{3\pi}{10} - \frac{x}{2}\right) = \frac{1}{2} \sin\left(\frac{\pi}{10} + \frac{3x}{2}\right)$	http://toanphothong.vn/showthread.php?t=8468
458.	Giải pt : $\cos 2x - \cos 6x = \sin 5x + \sin 5x$	http://toanphothong.vn/showthread.php?t=8461
459.	Giải pt : $\frac{(1 + \sin x - \cos^2 x)}{\sin^2 x} \tan\left(\frac{\pi}{4} - \frac{x}{2}\right) - \tan x = 2\sqrt{3}.$	http://toanphothong.vn/showthread.php?t=8441
460.	Giải pt : $\tan\left(x - \frac{\pi}{6}\right) \tan\left(x + \frac{\pi}{3}\right) \sin 3x = \sin x + \sin 2x$	http://toanphothong.vn/showthread.php?t=8412
461.	Giải pt : $2 \tan x + \cot x = 2 \sin 2x + \frac{1}{\sin 2x}$	http://toanphothong.vn/showthread.php?t=8414
462.	Giải pt : $(\cos x + \sin x)^2 + 2\sqrt{2} \sin\left(x + \frac{\pi}{4}\right) + 1 = 0$	http://toanphothong.vn/showthread.php?t=8408

463.	Giải pt : $8 \cos^4 x - 4 \cos 2x + \sin 4x - 4 = 0$	http://toanphothong.vn/showthread.php?t=8415
464.	Giải pt : $\cos^2 3x \cos 2x - \cos^2 x = 0$	http://toanphothong.vn/showthread.php?t=8413
465.	Giải pt : $(1 + 2 \cos 3x) \sin x + \sin 2x = 2 \sin^2 \left(2x + \frac{\pi}{4} \right)$	http://toanphothong.vn/showthread.php?t=8416
466.	Giải pt : $\cos x + 4 \sin 2x = 1 - \sin x$	http://toanphothong.vn/showthread.php?t=8411
467.	Giải pt : $(3 - \cos 4x)(\sin x - \cos x) = 2$	http://toanphothong.vn/showthread.php?t=9022
468.	Giải pt : $\cos 3x + \sin 2x - \cos x - 1 = 0$	http://toanphothong.vn/showthread.php?t=9054
469.	Giải pt : $\frac{\sin x \sin 2x + 2 \sin x \cos^2 x + \sin x \cos x}{\cos \left(x - \frac{\pi}{4} \right)} = \sqrt{6} \cos 2x$	http://toanphothong.vn/showthread.php?t=8970
470.	Giải pt : $\sqrt{3} \sin \left(3x - \frac{\pi}{5} \right) + 2 \sin \left(8x - \frac{\pi}{3} \right) = 2 \sin \left(2x + \frac{11\pi}{15} \right) + 3 \cos \left(3x - \frac{\pi}{5} \right)$	http://toanphothong.vn/showthread.php?t=8969
471.	Giải pt : $2(1 + \cos x)(1 + \cos 2x)(1 + \cos 3x) = 1$	http://toanphothong.vn/showthread.php?t=8965
472.	Giải pt : $\sin x \sin 3x - \sqrt{3} \cos x = 1$	http://toanphothong.vn/showthread.php?t=8933
473.	Giải pt : $\frac{4 \sin x \cdot \sin \left(x + \frac{\pi}{3} \right) \sin \left(x - \frac{\pi}{3} \right)}{2 \sin x - 3 \cos x} - \cos 2x = 1$	http://toanphothong.vn/showthread.php?t=8840
474.	Giải pt : $4 \cos^4 x - \cos 2x - \frac{1}{2} \cos 4x + \cos \frac{3x}{4} = \frac{7}{2}$	http://toanphothong.vn/showthread.php?t=8799
475.	Giải pt : $\left[4 \cos^2 \left(x + \frac{\pi}{12} \right) - 1 \right] \sin 2x = 2 (\sin 7x - \sin 3x) \cos \left(5x - \frac{\pi}{3} \right)$	http://toanphothong.vn/showthread.php?t=8799
476.	Giải pt : $\sin^2 x + \sin x \cos 4x + \cos^2 4x = \frac{3}{4}$	http://toanphothong.vn/showthread.php?t=8783
477.	Giải pt : $(1 + \sin^2 x) \cos x + (1 + \cos^2 x) \sin x = 1 + \sin 2x$	http://toanphothong.vn/showthread.php?t=8762
478.	Giải pt : $\sin^3 x - \sqrt{3} \cos^3 x = \sin x \cos^2 x - \sqrt{3} \sin^2 x \cos x$	http://toanphothong.vn/showthread.php?t=8764
479.	Giải pt : $\cos^2 3x \cos 2x - \cos^2 x = 0$	http://toanphothong.vn/showthread.php?t=8765
480.	Giải pt : $\sin^2 3x - \cos^2 4x = \sin^2 5x - \cos^2 6x$	http://toanphothong.vn/showthread.php?t=8763
481.	Giải pt : $\sin^{2n+1} x + \sin^n 2x + (\sin^n x - \cos^n x)^2 - 2 = 0$	http://toanphothong.vn/showthread.php?t=8718
482.	Giải pt : $(\sin x + \cos x)^{\sin^2 x} + (2 \sin x - 2 \cos x)^{\sin^2 x} = 3$	http://toanphothong.vn/showthread.php?t=8704
483.	Giải pt : $6 \sin x - 2 \cos^3 x = \frac{5 \sin 4x \cos x}{2 \cos 2x}$	http://toanphothong.vn/showthread.php?t=8462
484.	Giải pt :	http://toanphothong.vn/showthread.php?t=9738

$2 \sin\left(\frac{\pi}{4} - x\right) \cdot \cos 2x \cdot \cos 6x = 3 \cos 3\left(x - \frac{\pi}{4}\right)$		
485.	Giải pt : $\sin^2 x = \sin^3 3x$	http://toanphothong.vn/showthread.php?t=9730
486.	Giải pt : $2(\cos 2x - 2)(\sin x + \cos x) + \sin 2x + (1 - 2\sqrt{2})\cos 2x + 1 = 2\sqrt{2}(\cos x - 2)$	http://toanphothong.vn/showthread.php?t=9205
487.	Giải pt : $\frac{\cos 3x - \sin 3x - 1}{4 \cos x + 2} = \cos x - 1.$	http://toanphothong.vn/showthread.php?t=9636
488.	Giải pt : $\sin x + \sqrt{2 - \sin^2 x} + \sin x \sqrt{2 - \sin^2 x} = 3$	http://toanphothong.vn/showthread.php?t=9384
489.	Giải pt : $\sqrt{2} \sin 2x (\sin x + 1) + 2 \cos x (3\sqrt{2} + \cos x) = 2(4 + \sin x).$	http://toanphothong.vn/showthread.php?t=9466
490.	Giải pt : $\frac{\cos^3 x - \sin^3 x}{\sqrt{\cos x} + \sqrt{\sin x}} = 2 \cos 2x$	http://toanphothong.vn/showthread.php?t=9427
491.	Giải pt : $\sin x + \tan \frac{x}{2} = 2$	http://toanphothong.vn/showthread.php?t=9385
492.	Giải pt : $\sin^3 x + \cos^3 x = 2 - \sin^4 x$	http://toanphothong.vn/showthread.php?t=9383
493.	Giải pt : $\sin x + \cos x = \sqrt{3} \sin 2x - \cos 2x$	http://toanphothong.vn/showthread.php?t=8851
494.	Giải pt : $\sin 3x - \cos 3x = \sqrt{2} \sin\left(x + \frac{\pi}{4}\right) (2\sqrt{3} \cos x - 1)$	http://toanphothong.vn/showthread.php?t=9204
495.	Giải pt : $\sqrt{3}(2 \cos^2 x + \cos x - 2) + \sin x(3 - 2 \cos x) = 0$	http://toanphothong.vn/showthread.php?t=9001
496.	Giải pt : $\sin x = \frac{(\cos x + 1)(2 \cos x - 1)}{2 \cos x + 1}$	http://toanphothong.vn/showthread.php?t=9200
497.	Giải pt : $\sqrt{3} \sin 2x + \cos 2x = 2 \cos x - 1$	http://toanphothong.vn/showthread.php?t=8971
498.	Giải pt : $\frac{3 - 4 \cos 2x - 8 \sin^4 x}{\sin 2x + \cos 2x} = \frac{1}{\sin 2x}$	http://toanphothong.vn/showthread.php?t=9084
499.	Giải pt : $2 \sin\left(2x + \frac{9\pi}{4}\right) + 7\sqrt{2} \sin x + \sqrt{2} \sin\left(x + \frac{11\pi}{2}\right) - 4\sqrt{2} = 0$	http://toanphothong.vn/showthread.php?t=9037
500.	Giải pt : $\cos 2x + \cos 4x + \cos 6x = \cos x \cos 2x \cos 3x + 2$	http://toanphothong.vn/showthread.php?t=9020