

Diseguazioni di grado superiore al secondo

83	$5x^3 - 2x^2 - 5x + 2 < 0$	$x < -1 \vee \frac{2}{5} < x < 1$
84	$x(x-1)(x+2) > 0$	$-2 < x < 0 \vee x > 1$
85	$x(x-1)^2(x+2) < 0$	$-2 < x < 0$
86	$(x-1)(x^2+4x)(5+2x) < 0$	$-4 < x < -\frac{5}{2} \vee 0 < x < 1$
87	$x^4 - 7x^2 + 6 \geq 0$	$x \leq -\sqrt{6} \vee -1 \leq x \leq 1 \vee x \geq \sqrt{6}$
88	$x^4 - 26x^2 + 25 > 0$	$x < -5 \vee -1 < x < 1 \vee x > 5$
89	$9x^4 + 46x^2 + 5 < 0$	$-\sqrt{5} < x < -\frac{1}{3} \vee \frac{1}{3} < x < \sqrt{5}$
90	$x^4 - 3x^3 + 2x^2 \leq 0$	$x = 0 \vee 1 \leq x \leq 2$
91	$\frac{x^3(x+1)^2}{x+3} \geq 0$	$x < -3 \vee x \geq 0 \vee x = -1$
92	$\frac{x^3(x-1)^3}{x+3} \geq 0$	$-3 < x \leq 0 \vee x \geq 1$
93	$\frac{x^2+4x+4}{12x-4-9x^2} \geq 0$	$x = -2$
94	$\frac{x^2-4}{x^2+5x-14} < 0$	$-7 < x < -2$
95	$\frac{x-1}{x+1} \geq \frac{x+1}{x-1}$	$x < -1 \vee 0 \leq x < 1$
96	$\frac{1}{x} < \frac{x-1}{x^2+x+1}$	$-\frac{1}{2} < x < 0$
97	$\frac{x^3+x^2+1}{x^3-1} \leq 1$	$x < 1$
98	$\frac{1}{x-1} \geq \frac{x+1}{x^2-1}$	$x \neq \pm 1$
99	$\frac{x+3}{x-2} < \frac{x-2}{x+3}$	$x < -3 \vee -\frac{1}{2} < x < 2$