

Video Esercitazione 6/11/2014

INDICE

1 $\lim_{x \rightarrow 0} \frac{3^x - 2^x}{x}$ 0:00 - 4:30

9 $\lim_{x \rightarrow 0} \frac{(1+3x)^{8x} - 1}{(1+6x)^{6x} - 1}$ 50:35 - 54:35

2 $\lim_{x \rightarrow +\infty} \frac{\frac{\pi}{2} - \arcsin x}{1 - \cos \frac{1}{\sqrt{x}}}$ 4:30 - 16:10

10 $\lim_{x \rightarrow +\infty} \left(1 + \frac{1}{x^x}\right)^{(x+1)^x}$ 54:35 - 59:10

3 $\lim_{x \rightarrow \pi} \frac{1 + \cos x}{(\pi - x) \tan x}$ 16:10 - 21:45

11 $\lim_{x \rightarrow 0} \frac{\tan x - x}{x^2}$ 59:10 - 1:07:35

4 $\lim_{x \rightarrow 0^+} x^x$ 21:45 - 26:50

5 $\lim_{x \rightarrow 0^+} \frac{x^x - 1}{x}$ 26:50 - 29:10

6 $\lim_{x \rightarrow 0^+} \frac{(\sin x)^{\sin x} - 1}{x}$ 29:10 - 34:50

7 $\lim_{x \rightarrow \frac{\pi}{2}^+} (\sin x)^{\frac{1}{\cos x}}$ 34:50 - 45:10

8 $\lim_{x \rightarrow -\infty} \frac{e^x - x}{\sqrt{1+x^2} - x}$ 45:10 - 50:35