

# indeterminații 1<sup>o</sup>

$$1 \quad \lim_{x \rightarrow 1} \left[ \frac{2x+4}{x^2-x+6} \right]^{\frac{3x}{x-1}}$$

$$2 \quad \lim_{x \rightarrow 0} \left[ \frac{x^2-3x+4}{5x+4} \right]^{\frac{3}{x}}$$

$$3 \quad \lim_{x \rightarrow 2} \left[ \frac{3x-2}{x^2-2x+4} \right]^{\frac{x}{x-2}}$$

$$4 \quad \lim_{x \rightarrow 1} \left[ \frac{x^2-2x+3}{x+1} \right]^{\frac{1}{x-1}}$$

$$5 \quad \lim_{x \rightarrow 3} \left[ \frac{2x^2-x+4}{4x+4} \right]^{\frac{2x}{x-3}}$$