https://www2.karlin.mff.cuni.cz/~kuncova/en/teachMat1.php
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Exercises

Source: https://www.fd.cvut.cz/department/k611/PEDAGOG/K611GM_A_soubory/GMl
iteratura_soubory/Stewart_4_Curve_Sketching.pdf

Sketch the graph

1. $f(x) = \dfrac{2x^2}{x^2 - 1}$

2. $f(x) = \dfrac{x^2}{\sqrt{x+1}}$

3. $f(x) = xe^x$

4. $f(x) = \dfrac{\cos x}{2 + \sin x}$

5. $f(x) = \ln(4 - x^2)$

6. $f(x) = \dfrac{x^3}{x^2 + 1}$