

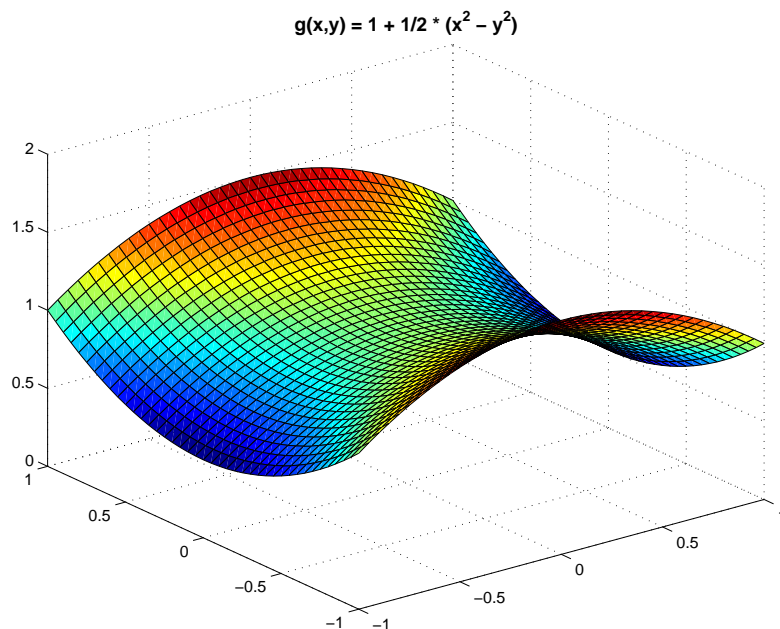
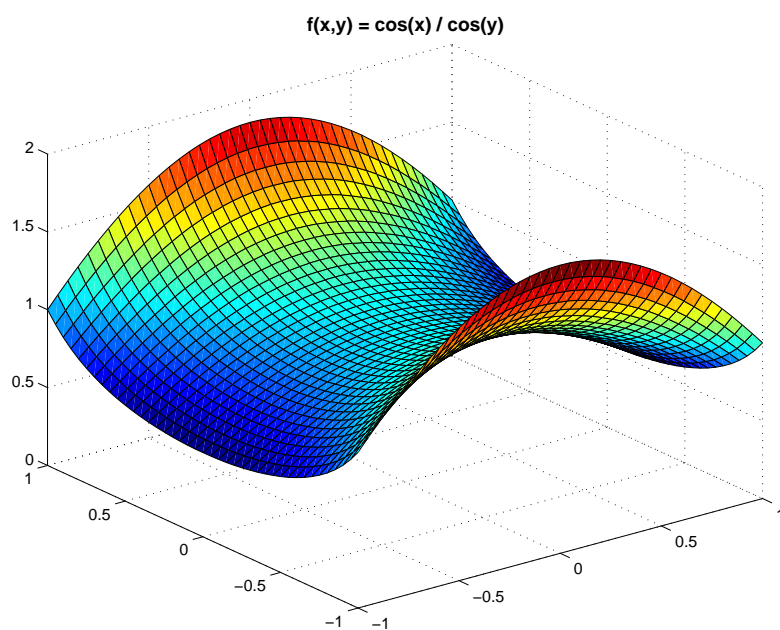
Srovnání funkce a jejího Taylorova polynomu

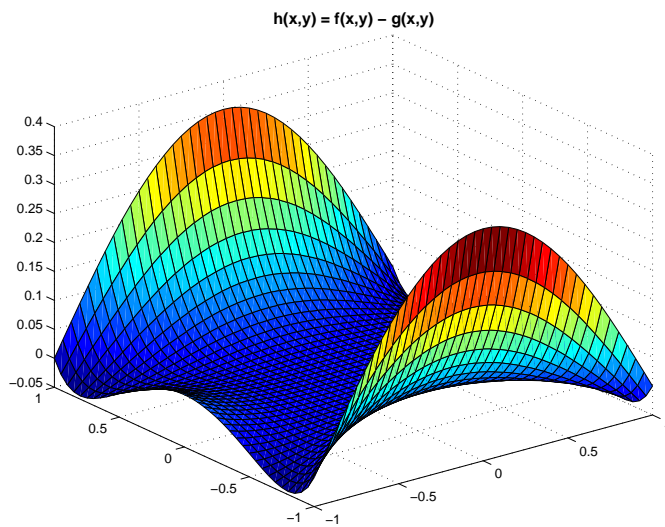
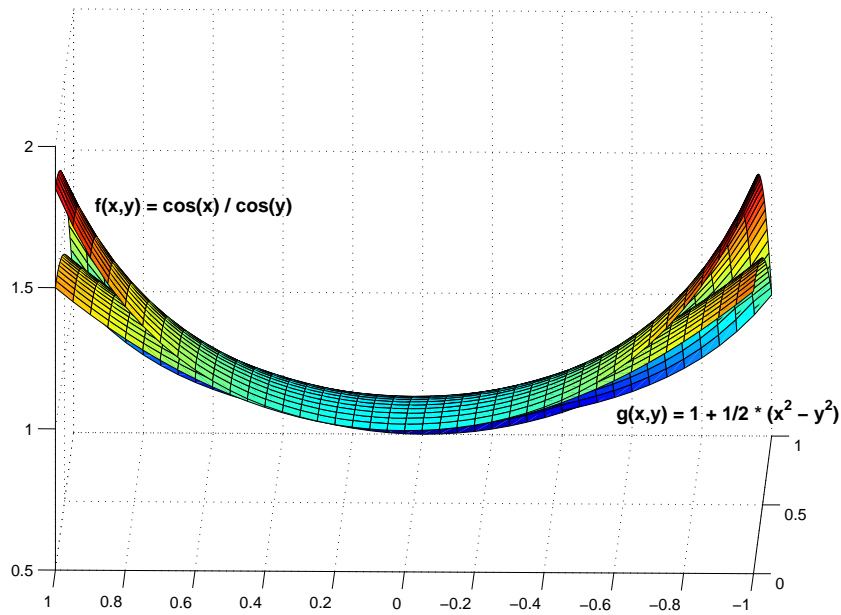
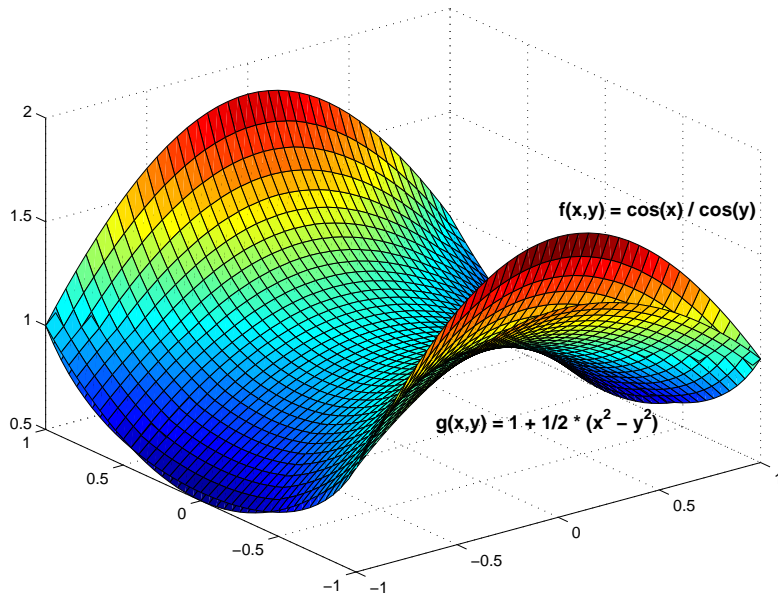
Taylorovým polynomem druhého řádu funkce

$$f(x, y) := \frac{\cos(x)}{\cos(y)}$$

je polynom

$$g(x, y) = 1 + \frac{x^2}{2} - \frac{y^2}{2}.$$





Obrázky Taylorových aproximací vyhotovila Helena Líbalová (studentka 2. ročníku) v programu MATLAB.