

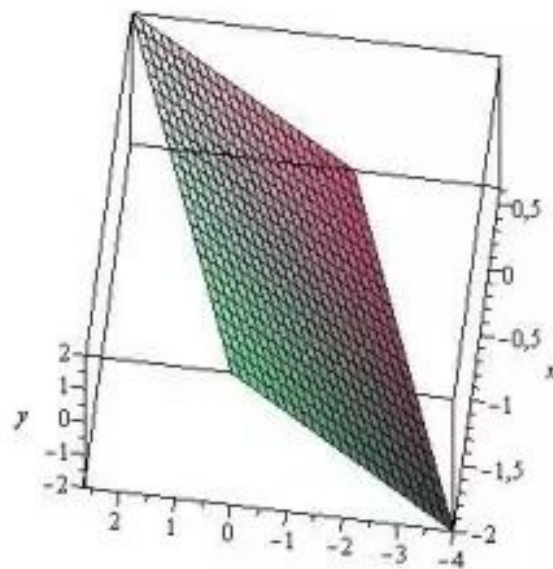
Example 2

Draw the function surface of $h(x, y) = y(\sin x) + x(\cos x)$

> $h := (x, y) \rightarrow y(\sin x) + x(\cos x)$

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> `plot3d(h(x, y), x = 0..3 Pi, y = 0..2, axes = boxed);`



7. Duties :
Draw the surface of the following function!

$$f(x, y) = \sqrt{y^2 + x^2 - 1}$$

$$g(x, y) = \sin(x + 2y)$$

$$h(x, y) = 2 \cos(x + y) + 3 \sin y$$