

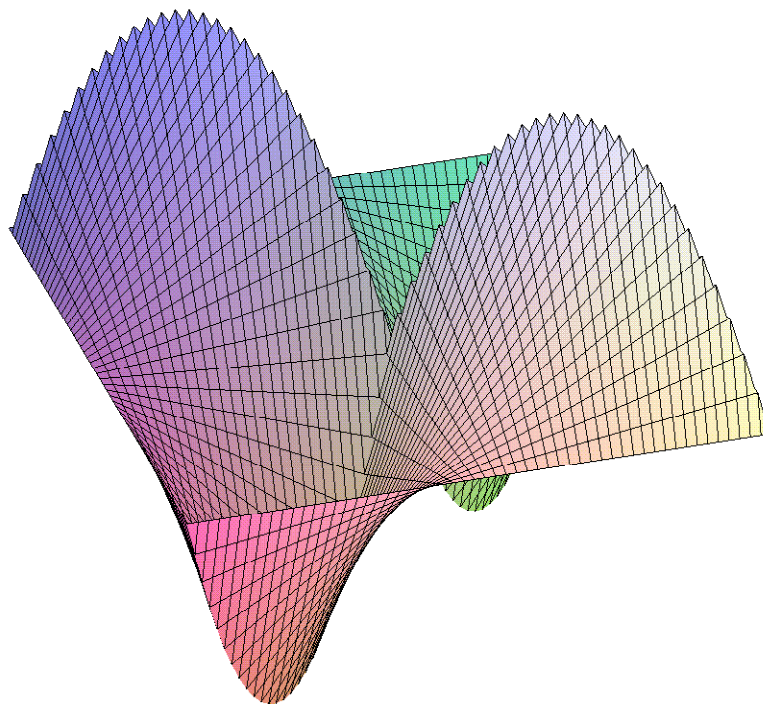
[O19-104

[> **restart:**

[> **z:=sum(sin(n*y)*sin(n*x)/n^2,n=1..1000):evalf(subs({x=1,y=1},z))**
[**;**

1.070296520

[> **plot3d(z,x=-Pi..Pi,y=-Pi..Pi,numpoints=3000);**



[> **e1:=piecewise(t<1,t*(Pi-1),Pi-t);plot(e1,t=0..Pi);**

$$e1 := \begin{cases} t(\pi - 1) & t < 1 \\ \pi - t & \text{otherwise} \end{cases}$$

