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→ / . ANIMATION
    l^p unit sphere on the plane . /

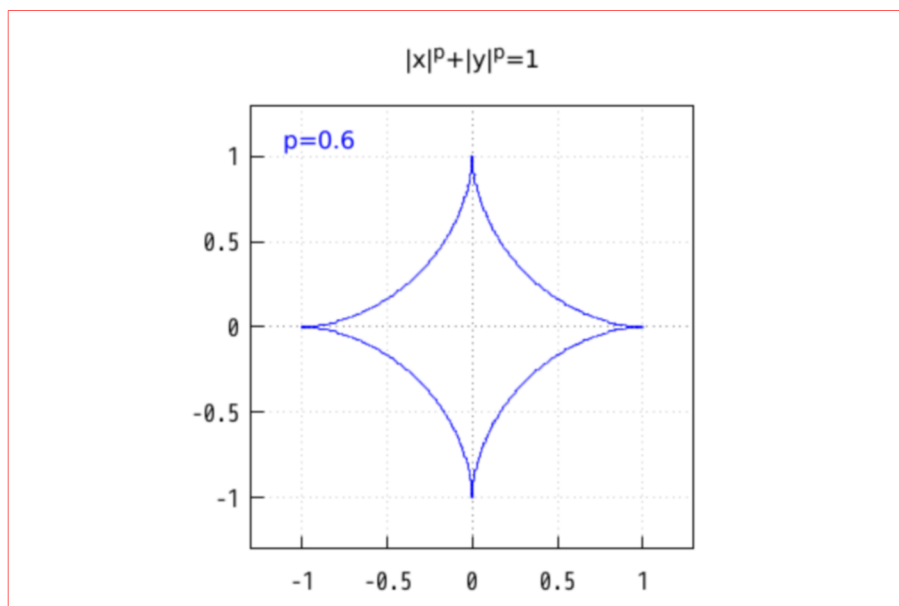
→ load(implicit_plot)$

→ implicit_plot(x^2 + y^2=1, [x, -1.3, 1.3], [y, -1.3, 1.3], same_xy, [title, "|x|^p+|y|^p=1"])

→ with_slider_draw(
    k,makelist(i,i,1,45),
    proportional_axes = xy,
    xrange = [-1.3,1.3],
    yrange = [-1.3,1.3],
    xaxis=true,
    yaxis=true,
    grid = true,
    title = "|x|^p+|y|^p=1" ,
    label([sconcat("p=",float((5+k)/10)),-0.9,1.1]),
    implicit(abs(x)^((5+k)/10)+abs(y)^((5+k)/10)=1,x,-1.3,1.3,y,-1.3,1.3)
);

```

(%t20)



(%o20)