Approximating an egg as having a spherical surface,
as in the 1872 book of Jellett or 1909 book of Crabtree,
is very accurate once the egg is within about 45 degrees
of vertical. Shown is the Egg from the Moffatt and Shimomura
paper with circles superposed on the ends. This shows that,
the end of an egg is close to a sphere (matches to third
order since the third order term is zero for both egg and sphere).

Z

Ω

n

z

Spherical tip
egg, dotted red

Π

g

θ

Egg as drawn
in paper, black

O

Spherical tip
egg, dotted red

X

$h(\theta)$

R

x

P