

$$f(r) = B \cdot \cos(2 \cdot A \cdot r) \cdot \exp(-r \cdot r / \sqrt{1+r \cdot r})$$

$$g(r) = (A-B) \cdot \exp(-r \cdot r)$$

data for C-program are these multiplied by r.

This is our first example of a curved two-dimensional surface defining the surface of initial data. Note how the green Payne-Sattinger region is no longer elliptic.