

MATH 242

16 February 2024

DISCUSS:

In this class, what makes sense so far?

What questions do you currently have?

Salamin-Brent:

Init:

$$a_0 = 1$$

$$b_0 = \frac{1}{\sqrt{2}}$$

$$s_0 = \frac{1}{2}$$

Loop:

$$a_1 = \frac{1}{2}(a_0 + b_0) = \frac{1}{2}\left(1 + \frac{1}{\sqrt{2}}\right)$$

