3) $R_{1,1}$
$R_{2,1}$ $R_{2,2}$ $R_{3,3}$
$R_{3,1}$ $R_{3,2}$

$R_{1,1}$: $h = \frac{1-0}{1} = 1$; $m = 1$

$R_{1,1} = 0.5(0.3989 + 0.2420) = 0.32045$

$R_{2,1}$: $h = \frac{1-0}{2} = \frac{1}{2}$; $m = 2$

$R_{2,1} = \frac{0.5}{2}(0.3989 + 2(0.3521) + 0.2420) = 0.336275$

$R_{3,1}$: $\frac{1-0}{4} = 0.25$; $m = 4$

$R_{3,1} = \frac{0.25}{2}(0.39898 + 2(0.3867 + 0.3521 + 0.3011) + 0.2420)$

$= 0.3400975$

$R_{2,2} = \frac{2^2(R_{2,1}) - (R_{1,1})}{2^2 - 1} = \frac{4(0.336275) - (0.32045)}{3}$

$= 0.34155$

$n = 2$ $R_{3,2} = \frac{2^2(R_{3,1}) - (R_{2,1})}{2^2 - 1} = \frac{4(0.3400975) - 0.336275}{3}$

$= 0.3413716667$

$n = 4$

$R_{3,3} = \frac{2^4(R_{3,2}) - (R_{2,2})}{2^4 - 1} = \frac{(16(0.3413716667) - (0.34155))}{15}$

$= 0.341359777 8$