8a

HERMITE INTERPOLATION

1	0			
		1		
1	0		$\frac{3}{4}\ln 3 - \frac{1}{2}$ $= b$	$\frac{1}{2}(1 - \ln 3)$ $= a$
		$\frac{3}{2}\ln 3$		
3	$3\ln 3$	$-\frac{1}{4}\ln 3 + \frac{1}{2}$		
		$\ln 3 + 1$		
3	$3\ln 3$			

$$H(x) = a(x-1)^2(x-3) + b(x-1)^2 + (x-1)$$

$$H(1.5) = 0.59948$$

HERMITE INTERPOLATING POLYNOMIAL IS
MORE ACCURATE