

$$\begin{aligned}
 H_5(1.5) &= 0.6200860 + (1.5 - 1.3)(-0.5220232) + (1.5 - 1.3)^2(-0.0897427) \\
 &\quad + (1.5 - 1.3)^2(1.5 - 1.6)(0.0663657) + (1.5 - 1.3)^2(1.5 - 1.6)^2(0.0026663) \\
 &\quad + (1.5 - 1.3)^2(1.5 - 1.6)^2(1.5 - 1.9)(-0.0027738) \\
 &= 0.5118277.
 \end{aligned}$$