







$$A_{2} = (2+\frac{1}{2}) F(2) \Big|_{z=-\frac{1}{2}} = \frac{3}{2} \left(2z^{2} + 5z + 41 \right) \Big|_{z=-\frac{1}{2}} = -4$$

$$A_{3} = (2+2) F(2) \Big|_{z=-2} = \frac{3}{2} \left(2z^{2} + 5z + 41 \right) \Big|_{z=-2} = -4$$

$$Therefore, \quad H(2) = \frac{6}{2} - \frac{4}{2+\frac{1}{2}} + \frac{1}{2+2}$$

$$f(ence, H(2)) = \frac{6}{2+\frac{1}{2}} + \frac{2}{2+2} = \frac{6}{2} - \frac{4}{(1+\frac{1}{2}z^{2})} + \frac{1}{(1+2z^{2})}$$

