

2

no dimer

$$y = 0.19 \Delta a - 1.114 a + 1.17 \Delta a - 1.17 \Delta a - 0.19 \Delta a$$

$$y' = 1.17 \Delta a - 0.19 \Delta a + 1.17 \Delta a - 1.17 \Delta a$$

$$y'' = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a$$

$$y = 0.19 \Delta a - 1.17 \Delta a + 1.17 \Delta a - 1.17 \Delta a - 0.19 \Delta a$$

$$y' = 1.17 \Delta a - 0.19 \Delta a + 1.17 \Delta a - 1.17 \Delta a$$

$$y'' = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a$$

$$y = 1.07 \Delta a - 1.17 \Delta a + 1.17 \Delta a - 0.19 \Delta a - 0.19 \Delta a$$

$$y' = 1.17 \Delta a - 0.19 \Delta a + 1.17 \Delta a - 1.17 \Delta a$$

$$y'' = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a$$

$$y = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a - 0.19 \Delta a - 0.19 \Delta a$$

$$y' = 1.17 \Delta a - 0.19 \Delta a + 1.17 \Delta a - 1.17 \Delta a$$

$$y'' = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a$$

$$y = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a - 0.19 \Delta a - 0.19 \Delta a$$

$$y' = 1.17 \Delta a - 0.19 \Delta a + 1.17 \Delta a - 1.17 \Delta a$$

$$y'' = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a$$

$$y = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a - 0.19 \Delta a - 0.19 \Delta a$$

$$y' = 1.17 \Delta a - 0.19 \Delta a + 1.17 \Delta a - 1.17 \Delta a$$

$$y'' = 1.17 \Delta a - 1.17 \Delta a + 1.17 \Delta a$$