1) 
$$C(x) = d \sqrt{\frac{2}{\lambda D}}$$
  $\int_{0}^{\infty} cos(\frac{\pi}{2}t^2)dt$ 

2) 
$$C(x) = d \sqrt{\frac{2}{\lambda D}}$$
  $\int cos(\frac{\pi}{2}t^2)dt$ 

3) 
$$R = |A|^2 = \frac{1}{2} \left\{ \left[ \frac{1}{2} + C(V) \right]^2 + \left[ \frac{1}{2} + S(V) \right]^2 \right\}$$

4) 
$$F(t) = \sum_{i=-\infty}^{\infty} A(i) \cos\left[\frac{i}{t+i}\right]$$

5) 
$${}^{7}_{3}\text{Li}$$