5. 证

$$g_0(2k-1-n) \iff z^{-(2K-1)}G_0(z^{-1})$$

另外，根据Z域翻转性有

$$(-1)^n g_0(2k-1-n) \iff (-z)^{-(2K-1)}G_0(-z^{-1}) = G_1(z)$$