1	2(a)	2(b)	2(c)	3
否	-0.167	-0.346	-0.026	否

4(a)	4(b)	5(a)	5(b)
是	是	是	否

6.
$$\psi_j = (-0.5)^j$$

7.
$$\psi_1 = 2.2$$
, $\psi_2 = 2.8$, $\psi_3 = 3.1$

8.略