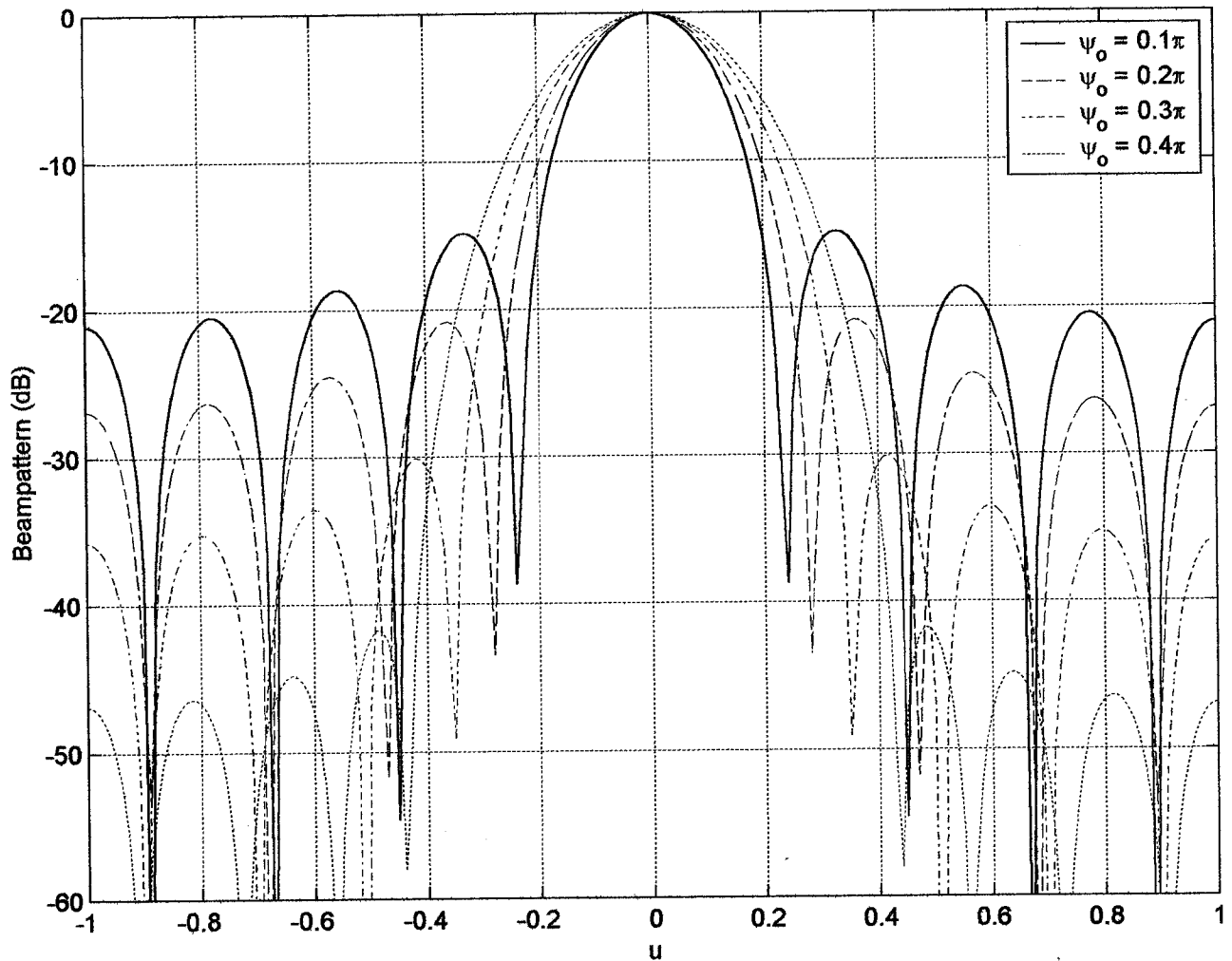


# Problem 3.1.4

3.1.4 ①



psi_o	=	0.1pi	0.2pi	0.3pi	0.4pi
weights	=	0.7762	0.4107	0.1948	0.0976
		0.8698	0.6270	0.4373	0.3134
		0.9408	0.8196	0.7069	0.6162
		0.9850	0.9526	0.9193	0.8894
		1.0000	1.0000	1.0000	1.0000
		0.9850	0.9526	0.9193	0.8894
		0.9408	0.8196	0.7069	0.6162
		0.8698	0.6270	0.4373	0.3134
		0.7762	0.4107	0.1948	0.0976
HPBW (u)	=	0.2068	0.2314	0.2626	0.2918
HPBW (deg)	=	11.8700	13.2880	15.0894	16.7788
BWNN (u)	=	0.4738	0.5652	0.7060	0.8730
BWNN (deg)	=	27.4073	32.8309	41.3418	51.7616
SL Ht. (dB)	=	-14.8441	-20.8171	-30.1102	-41.7274