Lab 14   CORDIC Design

設計一 10 階 CORDIC 電路

i	$\tan\alpha = 2^{-i}$	$\alpha = \tan^{-1}2^{-i}$	θ_i	Rotation	Final angle
0	1	45	57	−45	12
1	1/2	26.565	12	−26.565	−14.565
2	1/4	14.036	−14.565	14.036	−0.529
3	1/8	7.125	−0.529	7.125	6.596
4	1/16	3.576	6.596	−3.576	3.02
5	1/32	1.789	3.02	−1.789	1.231
6	1/64	0.895	1.231	−0.895	0.336
7	1/128	0.448	0.336	−0.448	−0.112
8	1/256	0.224	−0.112	0.2238	0.112
9	1/512	0.112	0.1117	−0.112	~0
10	1/1024	0.0559	0.0003	−	−

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