一. 圆偏 OAM 沿光轴 锥折射后 检圆偏

$\sigma_- = -\sigma_P$
$l_- = J_P$

光 + 物质 的 总 SAM + OAM 守恒

$J_P = \sigma_P + l_P$
$J_P = J_C + J$
$J = \sigma + l$

起偏	σ_P	l_P	J_P	J_C	J	σ	l	检偏	功率
R	1	0	1	½	½	1	0	R	½
						-1	1	L	½
						0	½	VH+−	½
R	1	1	2	½	1.5	1	1	R	½
						-1	2	L	½
						0	1.5	VH+−	½

起偏	σ_P	l_P	J_P	J_C	J	σ	l	检偏	功率
L	-1	0	-1	-½	-½	1	-1	R	½
						-1	0	L	½
						0	-½	VH+−	½
L	-1	1	0	-½	½	1	0	R	½
						-1	1	L	½
						0	½	VH+−	½

AST - U_{1//}_oea_28.0mm_phase
R_P LG$_1$ 45°
$\sigma_P, l_P = 1, 1$ $\sigma, l = 0, 3/2$

AST - U_{1//}_oea_28.0mm_phase
L_P LG$_1$ 45°
$\sigma_P, l_P = -1, 1$ $\sigma, l = 0, 1/2$

AST - U_{1//}_oea_28.0mm_phase
R_P LG$_1$ -45°
$\sigma_P, l_P = 1, 1$ $\sigma, l = 0, 3/2$

AST - U_{1//}_oea_28.0mm_phase
L_P LG$_1$ -45°
$\sigma_P, l_P = -1, 1$ $\sigma, l = 0, 1/2$

2014 - Experimental study of internal conical refraction in a biaxial crystal with Laguerre–Gauss light beams - J. Opt. - Peet