

J^P	L_B	Angular term
0^+	1	$-\cos \theta_D^{c\bar{s}}$
1^-	0	$-\frac{1}{\sqrt{3}} (\cos \theta_{D_s}^{c\bar{s}} \cos \theta_D^{c\bar{s}} - \sin \theta_{D_s}^{c\bar{s}} \sin \theta_D^{c\bar{s}} \cos \phi_D^{c\bar{s}})$
	1	$-\frac{i}{\sqrt{2}} \sin \theta_{D_s}^{c\bar{s}} \sin \theta_D^{c\bar{s}} \sin \phi_D^{c\bar{s}}$
	2	$\frac{1}{\sqrt{6}} (2 \cos \theta_{D_s}^{c\bar{s}} \cos \theta_D^{c\bar{s}} + \sin \theta_{D_s}^{c\bar{s}} \sin \theta_D^{c\bar{s}} \cos \phi_D^{c\bar{s}})$
2^+	1	$\frac{1}{\sqrt{10}} (-3 \sin \theta_{D_s}^{c\bar{s}} \cos \theta_{D_s}^{c\bar{s}} \sin \theta_D^{c\bar{s}} \cos \phi_D^{c\bar{s}} - 3 \sin^2 \theta_{D_s}^{c\bar{s}} \cos \theta_D^{c\bar{s}} + 2 \cos \theta_D^{c\bar{s}})$
	2	$\frac{i\sqrt{6}}{2} \sin \theta_{D_s}^{c\bar{s}} \cos \theta_{D_s}^{c\bar{s}} \sin \theta_D^{c\bar{s}} \sin \phi_D^{c\bar{s}}$
	3	$\frac{\sqrt{15}}{10} (-2 \sin \theta_{D_s}^{c\bar{s}} \cos \theta_{D_s}^{c\bar{s}} \sin \theta_D^{c\bar{s}} \cos \phi_D^{c\bar{s}} + 3 \sin^2 \theta_{D_s}^{c\bar{s}} \cos \theta_D^{c\bar{s}} - 2 \cos \theta_D^{c\bar{s}})$