

Table 1: Fermionic case $\wedge^3 \mathbb{C}^7$

dominant 1-PS	Inequality	w
(1, 1, 1, 1, -2, -2, -2)	$-2\lambda_1 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_5 - 2\lambda_6 - 2\lambda_7 \geq 0$	(1, 2, 3, 4, 0, 5, 6)
	$\lambda_1 - 2\lambda_2 + \lambda_3 + \lambda_4 - 2\lambda_5 + \lambda_6 - 2\lambda_7 \geq 0$	(0, 2, 3, 5, 1, 4, 6)
	$\lambda_1 + \lambda_2 - 2\lambda_3 - 2\lambda_4 + \lambda_5 + \lambda_6 - 2\lambda_7 \geq 0$	(0, 1, 4, 5, 2, 3, 6)
	$\lambda_1 + \lambda_2 - 2\lambda_3 + \lambda_4 - 2\lambda_5 - 2\lambda_6 + \lambda_7 \geq 0$	(0, 1, 3, 6, 2, 4, 5)