* character table

C_3	1(1)	$3^+_{001}(2)$
A	1	1
E	2	-1

* polar ↔ axial conversion

$A\ (A)$ $E\ (E)$

* symmetric product

	A	E
A	A	E
E		$A+E$

* anti-symmetric product

A	E
$-$	A