表 1: Clebsch-Gordan 係数 $\langle \Gamma_1\gamma_1\Gamma_2\gamma_2|\Gamma\gamma\rangle$

$A_2 \times E$

		$\Gamma =$	E
γ_1	γ_2	$\gamma = u$	v
	u		-1
e_2			
	v	1	

$A_2 \times T_1$

		$\Gamma =$	T_2	
γ_1	γ_2	$\gamma = \xi$	η	ζ
	α	1		
e_2	β		1	
	γ			1

$A_2 \times T_2$

		$\Gamma =$	T_1	
γ_1	γ_2	$\gamma = \alpha$	β	γ
	ϵ	-1		
e_2	η		-1	
	ζ			-1

$E \times E$

		$\Gamma = A_1$	A_2	E	
γ_1	γ_2	$\gamma = e_1$	e_2	u	v
	u	$1/\sqrt{2}$		$-1/\sqrt{2}$	
u					
	v		$1/\sqrt{2}$		$1/\sqrt{2}$
	u		$-1/\sqrt{2}$		$1/\sqrt{2}$
v					
	v	$1/\sqrt{2}$		$1/\sqrt{2}$	

$E \times T_1$

		$\Gamma =$	T_1		T_2		
γ_1	γ_2	$\gamma = \alpha$	β	γ	ξ	η	ζ
	α	$-1/2$			$\sqrt{3}/2$		
u	β		$-1/2$			$-\sqrt{3}/2$	
	γ			1			
	α	$\sqrt{3}/2$			$1/2$		
v	β		$-\sqrt{3}/2$			$1/2$	
	γ						-1

$E \times T_2$

		$\Gamma =$	T_1		T_2		
γ_1	γ_2	$\gamma = \alpha$	β	γ	ξ	η	ζ
	ξ	$-\sqrt{3}/2$			-1/2		
u	η		$\sqrt{3}/2$			-1/2	
	ζ						1
	ξ	-1/2			$-\sqrt{3}/2$		
v	β		-1/2			$-\sqrt{3}/2$	
	ζ			1			

$T_1 \times T_1$

		$\Gamma = A_1$	E		T_1			T_2		
γ_1	γ_2	$\gamma = e_1$	u	v	α	β	γ	ξ	η	ζ
	α	$\frac{-1}{\sqrt{3}}$	$\frac{1}{\sqrt{6}}$	$\frac{-1}{\sqrt{2}}$						
α	β						$\frac{-1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$
	γ					$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$	
	α						$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$
β	β	$\frac{-1}{\sqrt{3}}$	$\frac{1}{\sqrt{6}}$	$\frac{1}{\sqrt{2}}$						
	γ				$\frac{-1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$		
	α					$\frac{-1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$	
γ	β				$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$		
	γ	$\frac{-1}{\sqrt{3}}$	$\frac{-2}{\sqrt{6}}$							

$T_1 \times T_2$

		$\Gamma = A_2$	E		T_1			T_2		
γ_1	γ_2	$\gamma = e_2$	u	v	α	β	γ	ξ	η	ζ
	ξ	$\frac{-1}{\sqrt{3}}$	$\frac{-1}{\sqrt{2}}$	$\frac{-1}{\sqrt{6}}$						
α	η						$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$
	ζ					$\frac{1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$	
	ξ						$\frac{1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$
β	η	$\frac{-1}{\sqrt{3}}$	$\frac{1}{\sqrt{2}}$	$\frac{-1}{\sqrt{6}}$						
	ζ				$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$		
	ξ					$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$	
γ	η				$\frac{1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$		
	ζ	$\frac{-1}{\sqrt{3}}$		$\frac{2}{\sqrt{6}}$						

$T_2 \times T_2$

		$\Gamma = A_1$	E		T_1			T_2		
γ_1	γ_2	$\gamma = e_1$	u	v	α	β	γ	ξ	η	ζ
	ξ	$\frac{1}{\sqrt{3}}$	$\frac{-1}{\sqrt{6}}$	$\frac{1}{\sqrt{2}}$						
ξ	η						$\frac{1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$
	ζ					$\frac{-1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$	
	ξ						$\frac{-1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$
η	η	$\frac{1}{\sqrt{3}}$	$\frac{-1}{\sqrt{6}}$	$\frac{-1}{\sqrt{2}}$						
	ζ				$\frac{1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$		
	ξ					$\frac{1}{\sqrt{2}}$			$\frac{-1}{\sqrt{2}}$	
ζ	η				$\frac{-1}{\sqrt{2}}$			$\frac{1}{\sqrt{2}}$		
	ζ	$\frac{1}{\sqrt{3}}$	$\frac{2}{\sqrt{6}}$							