

The group  $G$  is isomorphic to the group  $\text{PSL}(2,17) : \text{C}_2$ .  
 Ordinary character table of  $G \cong \text{PSL}(2,17) : \text{C}_2$ :

$1a$	$3a$	$9a$			$9b$			$9c$			$2a$	$6a$	$18a$			$18b$	$18c$			$2b$	$4a$	$8a$	$8b$	$16a$			$16b$	$16c$	$16d$	$17a$
$X_1$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$X_2$	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	-1	-1	-1	-1	-1	-1	1
$X_3$	16	-2	1	1	1	1	1	1	1	2	2	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	-1
$X_4$	16	-2	1	1	1	1	1	1	1	-2	-2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	-1
$X_5$	16	1	$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$			$-E(9)^2 - E(9)^7$		$-E(9)^4 - E(9)^5$			2	-1	$-E(9)^2 - E(9)^4 - E(9)^5 - E(9)^7$			$E(9)^2 + E(9)^7$		$E(9)^4 + E(9)^5$		0	0	0	0	0	0	0	0	0	0	-1
$X_6$	16	1	$-E(9)^2 - E(9)^5$		$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$		$-E(9)^2 - E(9)^7$				2	-1	$E(9)^4 + E(9)^5$			$-E(9)^2 - E(9)^4 - E(9)^5 - E(9)^7$		$E(9)^2 + E(9)^7$		0	0	0	0	0	0	0	0	0	0	-1
$X_7$	16	1	$-E(9)^2 - E(9)^7$		$-E(9)^4 - E(9)^5$		$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$				2	-1	$E(9)^2 + E(9)^7$			$E(9)^4 + E(9)^5$		$-E(9)^2 - E(9)^4 - E(9)^5 - E(9)^7$		0	0	0	0	0	0	0	0	0	0	-1
$X_8$	16	1	$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$			$-E(9)^2 - E(9)^7$					-2	1	$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$			$-E(9)^2 - E(9)^7$		$-E(9)^4 - E(9)^5$		0	0	0	0	0	0	0	0	0	0	-1
$X_9$	16	1	$-E(9)^4 - E(9)^5$		$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$		$-E(9)^2 - E(9)^7$				-2	1	$-E(9)^4 - E(9)^5$			$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$		$-E(9)^2 - E(9)^7$		0	0	0	0	0	0	0	0	0	0	-1
$X_{10}$	16	1	$-E(9)^2 - E(9)^7$		$-E(9)^4 - E(9)^5$		$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$				-2	1	$-E(9)^2 - E(9)^7$			$-E(9)^4 - E(9)^5$		$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$		$E(9)^2 + E(9)^4 + E(9)^5 + E(9)^7$		0	0	0	0	0	0	0	0	-1
$X_{11}$	17	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1	0
$X_{12}$	17	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	0	0
$X_{13}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	-2	-2	-2	-2	0	0	0	0	0	0	1
$X_{14}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	$-E(16)^3 - E(16)^5$	$-E(16) - E(16)^7$	$E(16)^3 - E(16)^5$	$-E(16) - E(16)^7$	$E(16)^3 - E(16)^5$	$E(16) - E(16)^7$	$-E(16)^3 - E(16)^5$	$E(16) - E(16)^7$	1
$X_{15}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	$E(16)^3 - E(16)^5$	$E(16) - E(16)^7$	$-E(16)^3 - E(16)^5$	$-E(16) - E(16)^7$	$E(16)^3 - E(16)^5$	$-E(16) - E(16)^7$	$-E(16)^3 + E(16)^5$	1	
$X_{16}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$-E(16) + E(16)^7$	$E(16)^3 - E(16)^5$	$E(16) - E(16)^7$	$-E(16)^3 + E(16)^5$	$-E(16) - E(16)^7$	$-E(16)^3 + E(16)^5$	$-E(16) - E(16)^7$	1	
$X_{17}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$-E(16) + E(16)^7$	$E(16)^3 - E(16)^5$	$E(16) - E(16)^7$	$-E(16)^3 + E(16)^5$	$-E(16) - E(16)^7$	$-E(16)^3 + E(16)^5$	$-E(16) - E(16)^7$	1	
$X_{18}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-2	0	0	0	0	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	1
$X_{19}$	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-2	0	0	0	0	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	1

Trivial source character table of  $G \cong \text{PSL}(2,17) : \text{C2}$  at  $p = 17$ :

[illegible]
$$P_1 = Group([()]) \cong 1$$
$$P_2 = \text{Group}([(1, 6, 2, 8, 13, 10, 5, 7, 9, 11, 17, 14, 4, 12, 16, 15, 3)]) \cong \text{C17}$$
$$N_1 = \text{Group}([(1, 2)(3, 4)(5, 7)(6, 8)(9, 13)(10, 14)(11, 15)(12, 16)(17, 18), (1, 2, 3)(4, 5, 6)(7, 9, 10)(8, 11, 12)(13, 14, 15)(16, 17, 18)]) \cong \text{PSL}(2, 17) : \text{C2}$$
$$N_2 = \text{Group}([(1, 6, 2, 8, 13, 10, 5, 7, 9, 11, 17, 14, 4, 12, 16, 15, 3), (2, 12, 9, 6, 15, 13, 11, 3)(4, 17, 16, 5, 10, 7, 8, 14), (2, 17, 3, 4, 11, 14, 13, 8, 15, 7, 6, 10, 9, 5, 12, 16)]) \cong \text{C17} : \text{C16}$$