

$$f_j = x_j + \varphi(a_{11}x_1 - a_{11}x_2 + a_{13}x_3 - a_{13}x_4), 18muj = 1, 2, f_j = x_j + \varphi(a_{31}x_1 + a_{32}x_2 + a_{33}x_3 - a_{33}x_4), 18muj = 3, 4$$