



Minimum cost dispersal surfaces

$$f_3(x, y) = 14x^2 + 14y^2 - 36x - 57y + 94$$

$$f_4(x, y) = 4x^2 + 4y^2 - 12x - 10y + 19 \quad f_4(x, y) = 3.6x^2 + 3.6y^2 - 8.9x - 9.4y + 27 \quad f_4(x, y) = 4.3x^2 + 4.3y^2 - 12x - 12y + 21$$

$$f_5(x, y) = 3.2x^2 + 3.2y^2 - 7.7x - 11y + 18$$

$$f_6(x, y) = 2.4x^2 + 2.4y^2 - 5.6x - 8.1y + 14$$

