

2. Поверхности вида $z(x,y)$

1) $z = xy \cdot \cos(x^2 + y^2)$

2) $z = 1/(x^2 + y^2)$

3) $z = \sin(x) \cdot \sin(y)$

4) $z = xy \cdot \sin(x) \cdot \cos(y)$

5) $z = xy \cdot \sin(x^2) \cdot \cos(y^2)$

6) $z = \sin(x^2 - y^2)$

7) $z = 1/(1+x^2) + 1/(1+y^2)$

8) $z = \sin(x^2) \cdot e^{-(x^2 + y^2)}$

9) $z = e^{-(x^2 + y^2)/2} \cdot (\sin(x^2) + \cos(y^2))$