$$\begin{cases} \frac{\partial^{2}u}{\partial x} + \frac{\partial y}{\partial y} = 6(x+y)^{2}, 0 < a^{2} < x^{2} + y^{2} = 6 < \omega \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \omega \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 6 < \alpha \\ u | x + y^{2} = a^{2} = 1, \frac{\partial u}{\partial n} | x^{2} + y^{2} = 1, \frac{\partial u}{\partial n} | x^{2} = 1, \frac{\partial u}{\partial n} | x^{2$$