

## Soluzione Versione n. 1

1.  $a_{22}^{(2)} = 10$

2.  $\mathbf{y}^{(1)} = \frac{(-1 \ 8)^T}{\sqrt{65}} = (-0,124 \ 0,9923)^T$

3.  $r(x) = -0,5x + 2,5$

4.  $M \geq 6723$

5.  $\delta_c f(\bar{x}) = 3$

6.  $u_{medio}(9) = 4$

7.  $u(x,y) = \frac{3}{\sinh(3\pi)} \sin x \sinh y$