



Figure 1: A 3D surface plot (left) and a 2D contour plot (right) of a function. The 3D plot shows a peak, and the 2D plot shows the corresponding contour lines.

The function is defined as $f(x, y) = 1 - x^2 - y^2$.

The domain of the function is the unit disk $D = \{(x, y) \in \mathbb{R}^2 \mid x^2 + y^2 \leq 1\}$.

The maximum value of the function is 1, achieved at the origin $(0, 0)$.

The minimum value of the function is 0, achieved at the boundary of the unit disk.

The function is concave down on the entire domain.

The function is symmetric with respect to the origin.

The function is continuous on the closed unit disk.





Figure 1. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank, 1993–2002.

3.2. The use of force to resolve the conflict

Figure 1 shows that the majority of respondents believe that the use of force is necessary to resolve the conflict in the West Bank. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank is 65% in 1993, 75% in 1994, and 70% in 1995. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank is 70% in 1996, 65% in 1997, 70% in 1998, 70% in 1999, 70% in 2000, 70% in 2001, and 70% in 2002. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank is 70% in 2002.

3.3. The use of force to resolve the conflict

Figure 2 shows that the majority of respondents believe that the use of force is necessary to resolve the conflict in the West Bank. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank is 65% in 1993, 75% in 1994, and 70% in 1995. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank is 70% in 1996, 65% in 1997, 70% in 1998, 70% in 1999, 70% in 2000, 70% in 2001, and 70% in 2002. The percentage of respondents who believe that the use of force is necessary to resolve the conflict in the West Bank is 70% in 2002.