

## Exercise: Fuzzy Sets for Size of People

- Draw fuzzy sets for short, medium and tall men; use trapezoidal membership functions.
- Here are the restrictions:
  - ◆ Men below 1.60 are definitely short
  - ◆ Men taller than 175 are definitely not short
  - ◆ Men taller than 190 are definitely tall
  - ◆ Men smaller than 180 are not tall
  - ◆ Men between 170 and 185 are medium
  - ◆ Men below 165 are not medium
  - ◆ Men taller than 190 are not medium



# Solution: Fuzzy Sets for Size of People

