

# Relational Algebra Queries

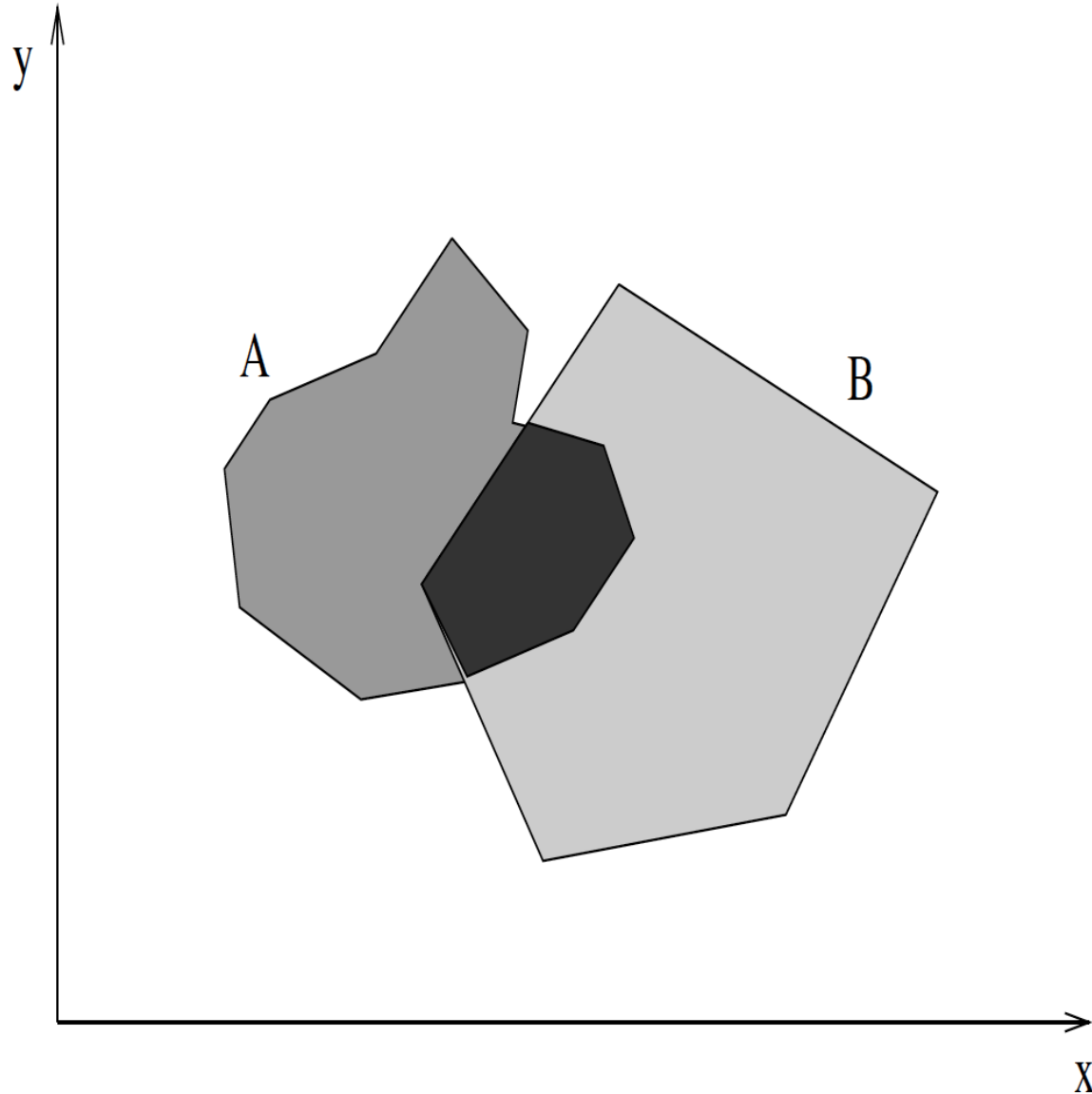
## (Section 4.2)

Peter Revesz

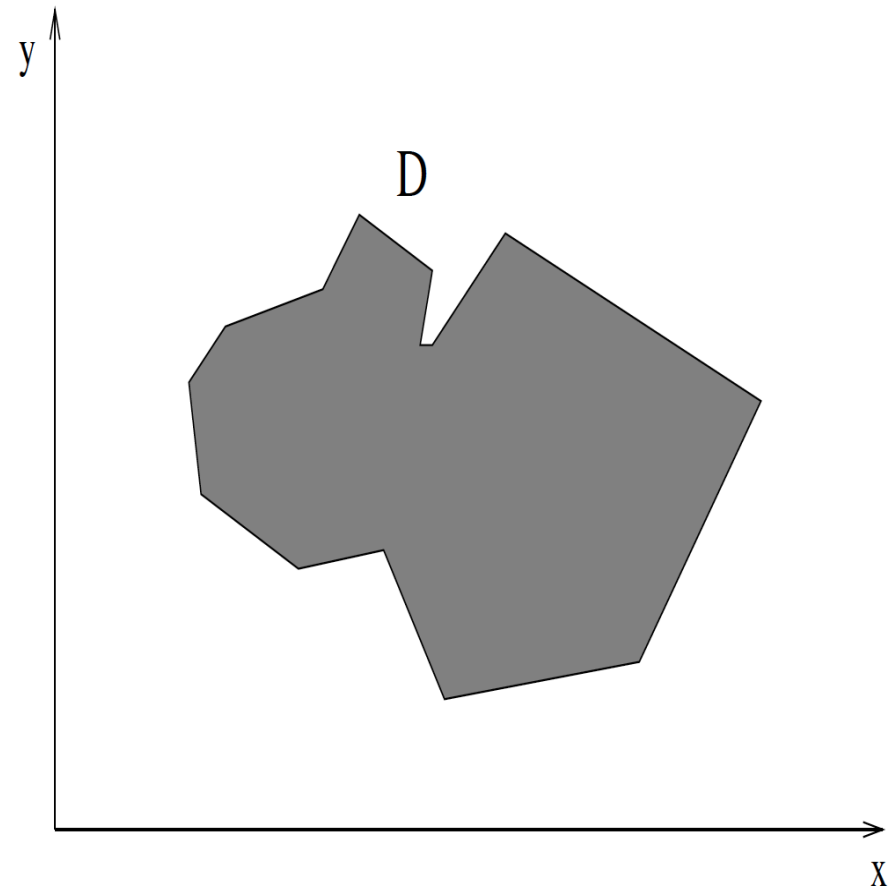
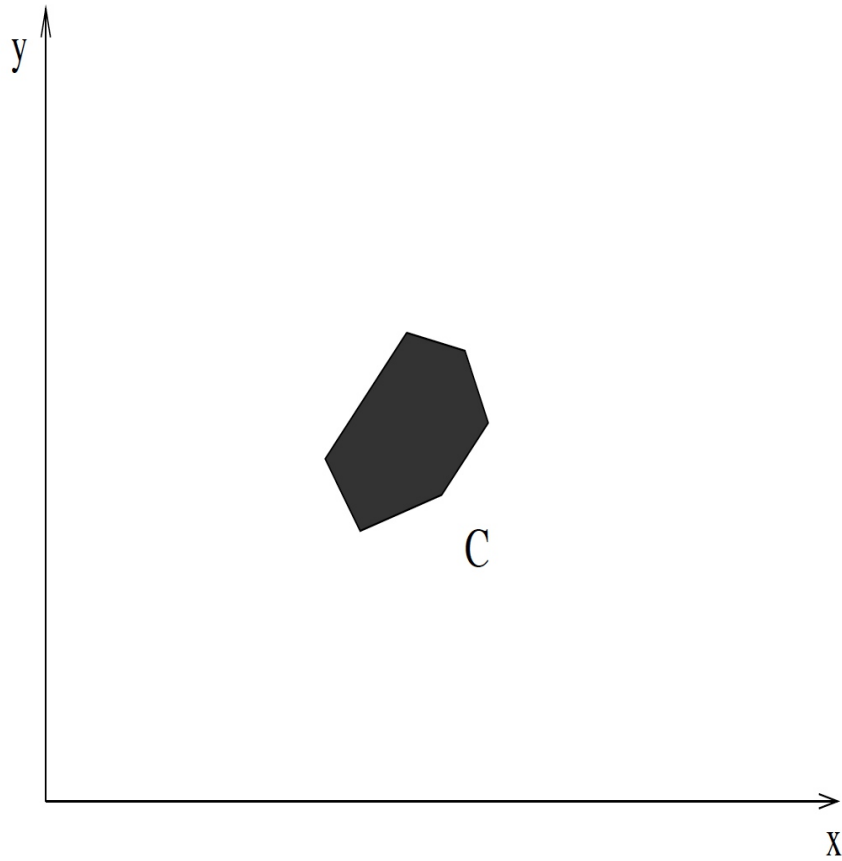
CSCE 413/813

Computer Science and Engineering  
University of Nebraska – Lincoln

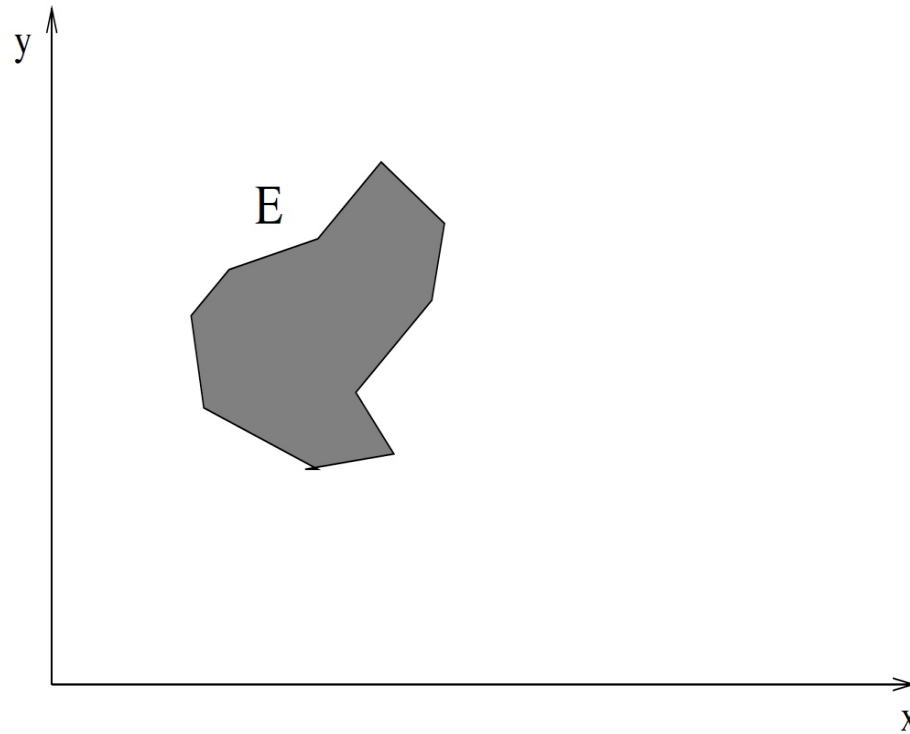
# A and B Infinite Set of Points



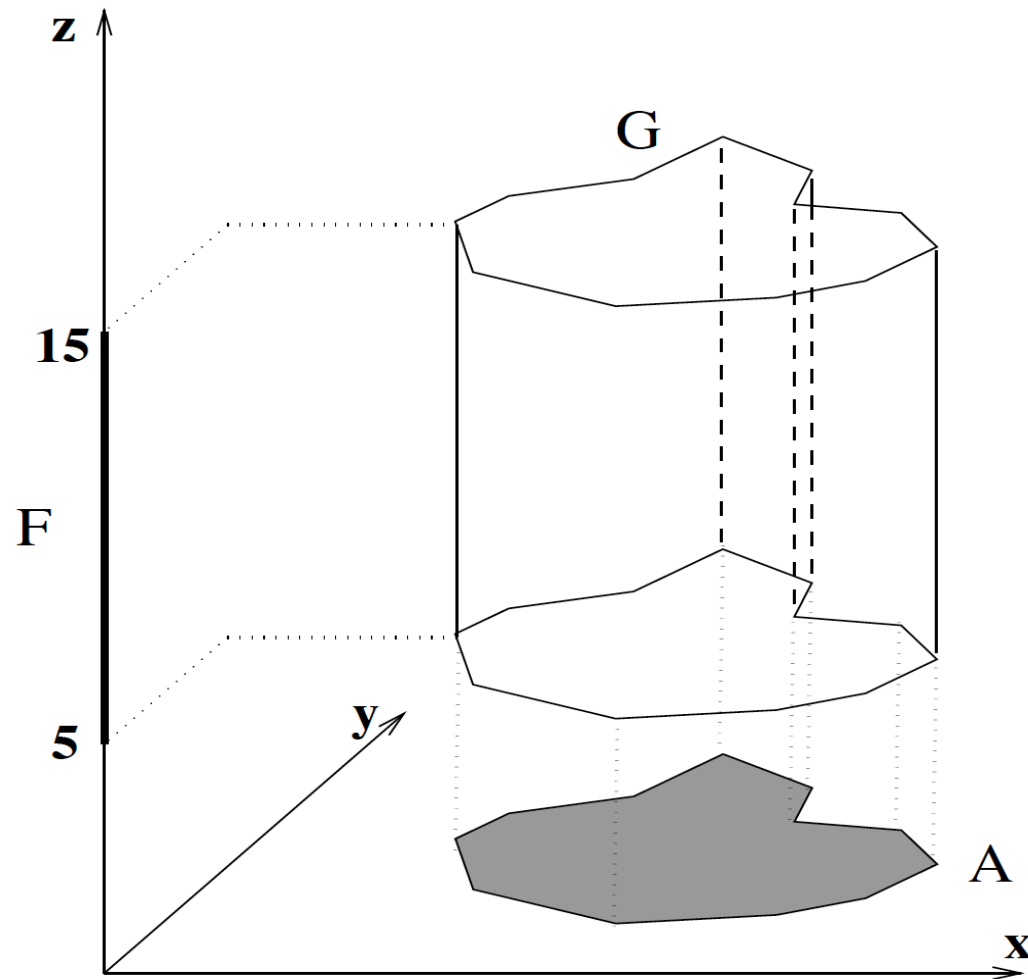
# The Intersection C and Union D of A and B



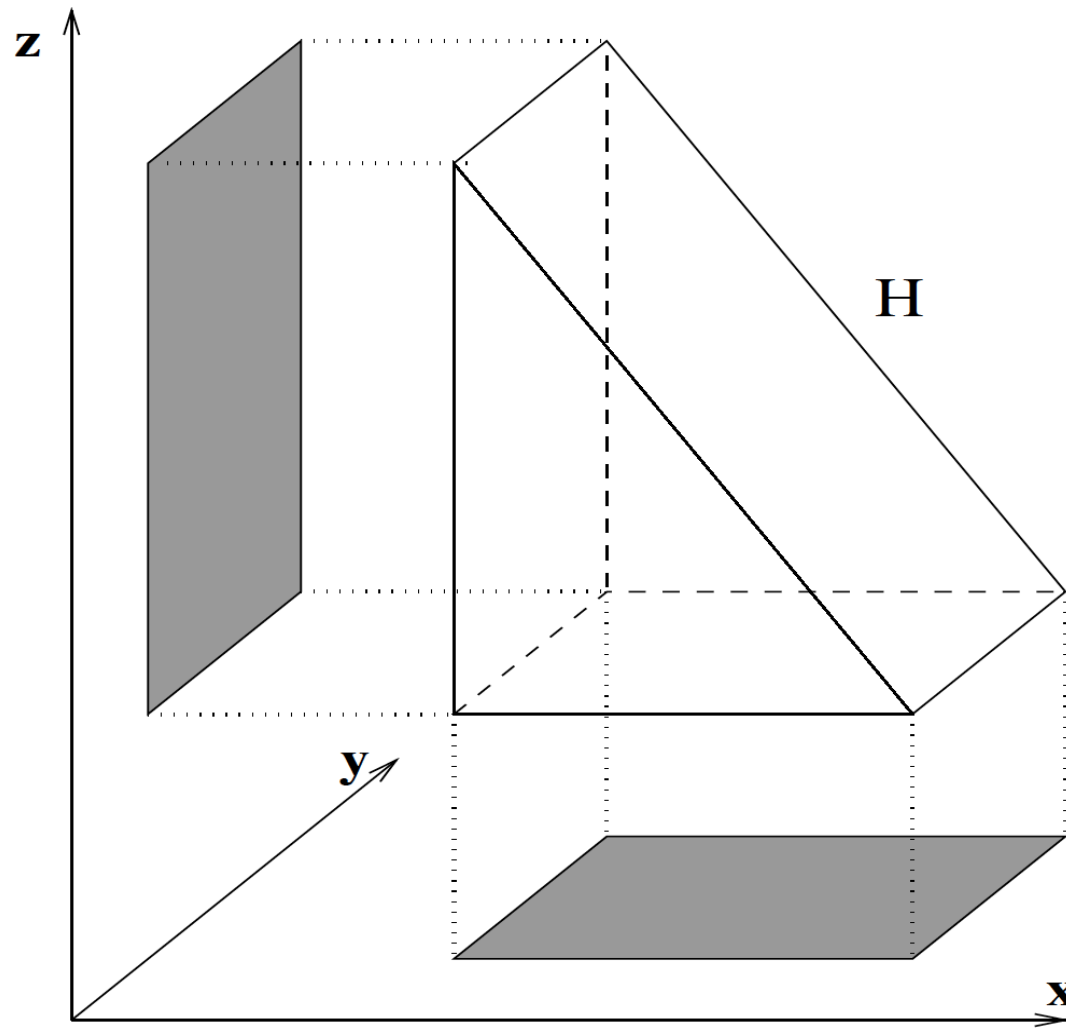
$E = A \setminus B$  (Set Difference of A and B)



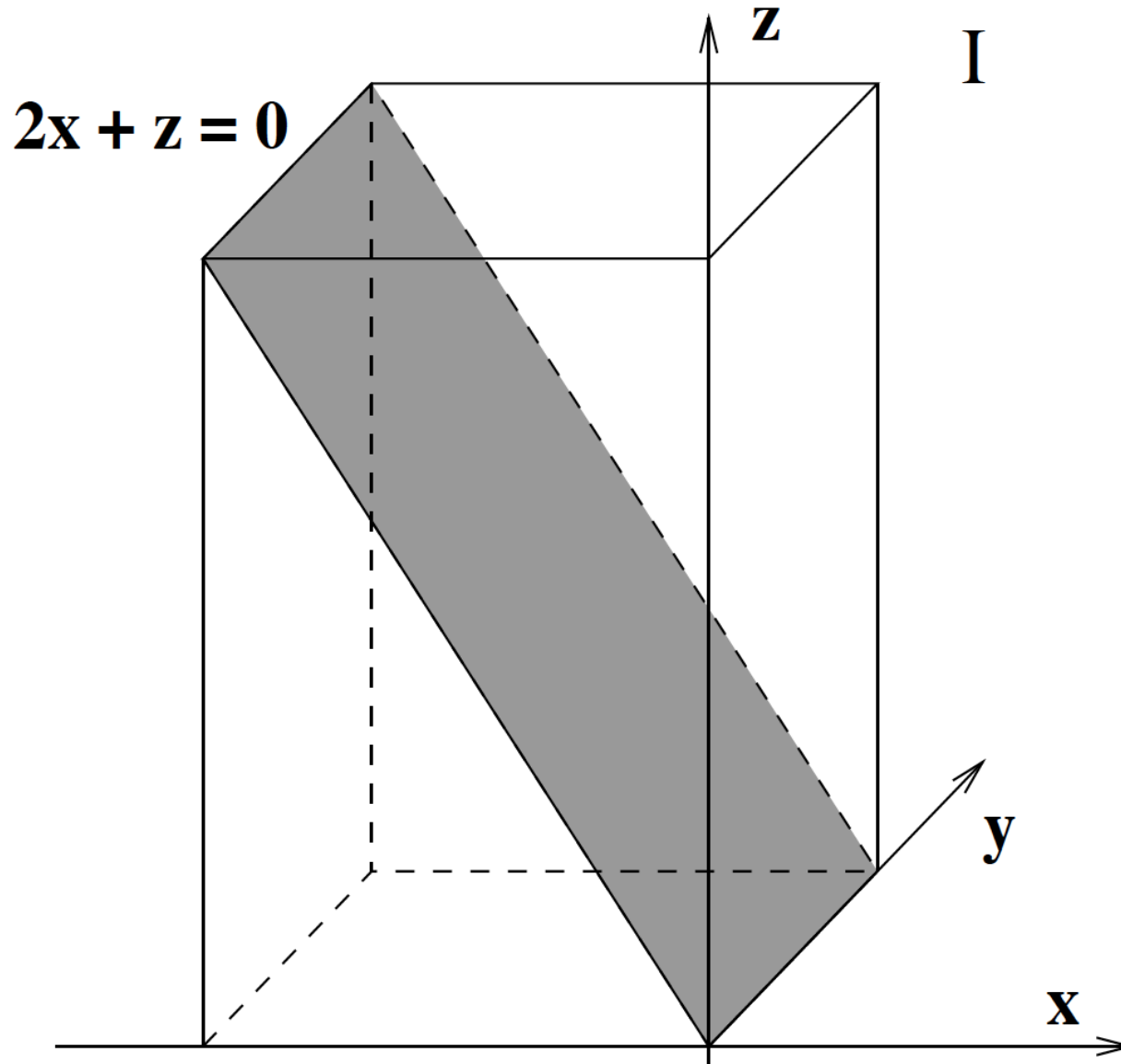
$$G = A \times F \text{ (Cross Product of } A \text{ and } F\text{)}$$



# Projections onto $(x, y)$ and onto $(y, z)$ of $H$ .



Selection of  $2x + z = 0$  from I.



**L = Natural Join of J and K.**

