Buscas em Álgebra Relacional

# Quantas horas cada jogador possui no jogo ‘X’?

π ( σ(games x users\_has\_games x users)

games.name = ‘X’ ∧

games.id = users\_has\_games.games\_id ∧

users.id = users\_has\_games.users\_id )

games.name, users.nickname, user\_has\_games.hours\_played

# Quem trabalhou no jogo ‘X’?

π ( σ(games x games\_has\_developers x developers)

games.name = ‘X’ ∧

games.id = games\_has\_developers.games\_id ∧

games\_has\_developers.developers\_id = developers.id )

games.name, developers.name

# Que jogos a empresa ‘X’ desenvolveu?

π ( σ(games x companies\_has\_games x companies)

companies.name = ‘X’ ∧

companies.id = companies\_has\_games.companies\_id ∧

companies\_has\_games.games\_id = games.id )

companies.name, games.name

# Qual a nota de cada jogo de uma serie ‘X’?

π ( σ(series x games x reviews)

series.name = ‘X’ ∧

series.id = games.series\_id ∧

reviews.id = games.reviews\_id )

series.name, games.name, reviews.score

# Quais jogos e plataformas foram lançados na data ‘X’?

π ( σ(platforms x releases x games)

releases.date = ‘X’ ∧

releases.games\_id = games.id ∧

releases.platforms\_id = platforms.id )

Releases.date, games.name, platforms.name

A σ Σ

B π Π

C ∧