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## Detalhes do envio

## HO04: Álgebra Relacional I

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Visualização em papel 

1)  $\pi$  first\_name, last\_name  $\sigma$  gender = 'F' actors

2)  $\pi$  name  $\sigma$  year > 1999 movies

3)  $V1 = \pi \text{ name,director\_id } \sigma \text{ id=movie\_id (movies} \bowtie \text{movies\_directors)}$

$$\pi \text{ name, first\_name, last\_name } \sigma \text{ id=director\_id } (V1 \bowtie \text{directors})$$

4)  $V2 = \pi \text{ name,rank,actor\_id,role } \sigma \text{ id =movie\_id (movies} \bowtie \text{roles)}$

$$V3 = \pi \text{ first\_name, last\_name, rank, role } \sigma \text{ actor\_id} = \text{id} (V2 \bowtie \text{actors})$$
$$\pi \text{ first\_name, last\_name, role, rank } \sigma \text{ rank} \geq 6 \text{ (V3)}$$

5)  $V1 = \gamma \text{ director\_id; count(movie\_id) } \rightarrow \text{ soma (movies\_directors)}$

$$\pi \text{ first\_name, last\_name, soma } \sigma \text{ id=director\_id (V1} \bowtie \text{directors)}$$

6) γ genre; count(movie\_id)-> n\_total\_filmes (movies\_genres)

7)  $V1 = \pi \text{ name, rank, genre } \sigma \text{ id=movie\_id (movies} \bowtie \text{movies\_genres)}$

V2 =  $\gamma$  genre; avg(rank)-> average (V1)

V3 =  $\gamma$  genre; max(rank)-> max (V1)

V4 =  $\gamma$  genre; min(rank)-> min (V1)

$\pi$  genre, average,min,max (V2 $\bowtie$ V3 $\bowtie$ V4)

Adicionar um Comentário:

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Comentário de Mídia

### Anexar Arquivo

Salvar