| Α | В | С | D | E | F |
|----------|----------|------------|-------------|---------|----------|
| Id_orden | Fecha | Id_cliente | Nom_cliente | Estado | Id_orden |
| 2301 | 23/02/11 | 101 | Martin | Caracas | 2301 |
| 2301 | 23/02/11 | 101 | Martin | Caracas | 2301 |
| 2301 | 23/02/11 | 101 | Martin | Caracas | 2301 |
| 2302 | 25/02/11 | 107 | Herman | Coro | 2302 |
| 2303 | 27/02/11 | 110 | Pedro | Maracay | 2303 |
| 2303 | 27/02/11 | 110 | Pedro | Maracay | 2303 |

| A ->{B,C} | |
|-------------|--|
| C ->{D, E} | |
| F -> {G, I} | |
| {A,F} -> H | |

| PK's | CK's |
|-----------|-----------|
| AF+ -> {} | AF+ -> {} |

SK's

ABCDEFGHI+ -> {...}

ADEFGHI+ -> {...}

AFGHI+ -> {...}

AFH+ -> {...}

AF+ -> {...}

| G | Н | | |
|---------|------|------|------|
| Nom_art | cant | Prec | io |
| Red | | 3 | 35 |
| Raqueta | | 6 | 65 |
| Paq-3 | | 8 | 4.75 |
| Paq-6 | | 4 | 5 |
| Raqueta | | 2 | 65 |
| Funda | | 2 | 10 |

1FN? 2FN? si ε AF -: F->{ A->{B, no cu

AP's

A,F

| <u>ld</u> | <u>orden</u> | Fecha |
|-----------|--------------|----------|
| | 2301 | 23/02/11 |
| | 2301 | 23/02/11 |
| | 2301 | 23/02/11 |
| | 2302 | 25/02/11 |
| | 2303 | 27/02/11 |
| | 2303 | 27/02/11 |

| <u>ld_</u> | <u>cliente</u> | Nom_cliente |
|------------|----------------|-------------|
| | 101 | Martin |
| | 101 | Martin |
| | 101 | Martin |
| | 107 | Herman |
| | 110 | Pedro |
| | 110 | Pedro |

Cumple primera forma normal

NO HAY atts multivaluados No hay grupos de repeticion Existe primary keay

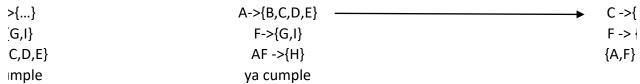
3FN?

Hay depender

No cu

A ->{

existen dependencias parciales



| Id_cliente | 1 | lum_art | <u> </u> | Nom_art | Precio | |
|------------|---|---------|----------|---------|--------|------|
| 101 | | 3 | 786 | Red | | 35 |
| 101 | | 4 | 011 | Raqueta | | 65 |
| 101 | | 9 | 132 | Paq-3 | | 4.75 |
| 107 | | 5 | 794 | Paq-6 | | 5 |
| 110 | | 4 | 011 | Raqueta | | 65 |
| 110 | | 3 | 141 | Funda | | 10 |

| Estado | <pre>Id_orden</pre> | Id_orden | cant |
|---------|---------------------|----------|------|
| Caracas | 2301 | 2301 | 3 |
| Caracas | 2301 | . 2301 | 6 |
| Caracas | 2301 | . 2301 | 8 |
| Coro | 2302 | 2302 | 4 |
| Maracay | 2303 | 3 2303 | 2 |
| Maracay | 2303 | 2303 | 2 |

ıcia transitivas ımple

| {B,C} | orden |
|--------|---------------|
| D, E} | cliente |
| {G, I} | articulo |
| -> H | Detalle orden |