**Trabajo Práctico 4**

**Objeto de Estudio: Reloj Digital.**

| **A = Formato 24 Horas.** | |
| --- | --- |
| **Variables** | **Nombres** |
| **X1 =** | **Horas** |
| **X2 =** | **Minutos** |

**X = {x1, x2}**

| **Estados Registrables** | **Conjuntos** |
| --- | --- |
| **=** | {x1| x1 E N ^ 00 <= x <= 23} |
| **=** | {x2 | x2 E N ^ 00 <= x <= 59} |

**Especificación Temporal:**

T={t0, t1, t2, t3, t4}

**Nivel de Resolución:**

L = { T, x1, x2, x3, x4}

**Definición Formal:**

Z = {X, t, L}

| **ti** | **x1** | **x2** |
| --- | --- | --- |
| t0 | *00* | *00* |
| t1 | *04* | *59* |
| t2 | *11* | *59* |
| t3 | *17* | *59* |
| t4 | *23* | *59* |

**Segunda Definición Formal de Kril:**

Z= {(x1(t),x2(t)| t E T ^ x1(t), E (Incompleto)}

| **B = Formato 12 Horas (Am/Pm).** | |
| --- | --- |
| **Variables** | **Nombres** |
| **X1 =** | **Horas** |
| **X2 =** | **Minutos** |
| **x3 =** | **Formato 12 hs** |

**X = {x1, x2, x3}**

| **Estados Registrables** | **Conjuntos** |
| --- | --- |
| **=** | {x1| x1 E N ^ 1 <= x <= 12 } |
| **=** | {x2 | x2 E N ^ 00 <= x <= 59} |
| **=** | {‘Am’, ‘Pm’} |

**Especificación Temporal:**

T={t0, t1, t2, t3, t4}

**Nivel de resolución:**

L = { T, }

**Definición Formal:**

Z = {X, t, L}

| **ti** | **x1** | **x2** | **x3** |
| --- | --- | --- | --- |
| t0 |  |  |  |
| t1 |  |  |  |
| t2 |  |  |  |
| t3 |  |  |  |
| t4 |  |  |  |

**Segunda Definición Formal de Kril:**

Z= {(x1(t),x2(t)| t E T ^ x1(t), E (Incompleto)}