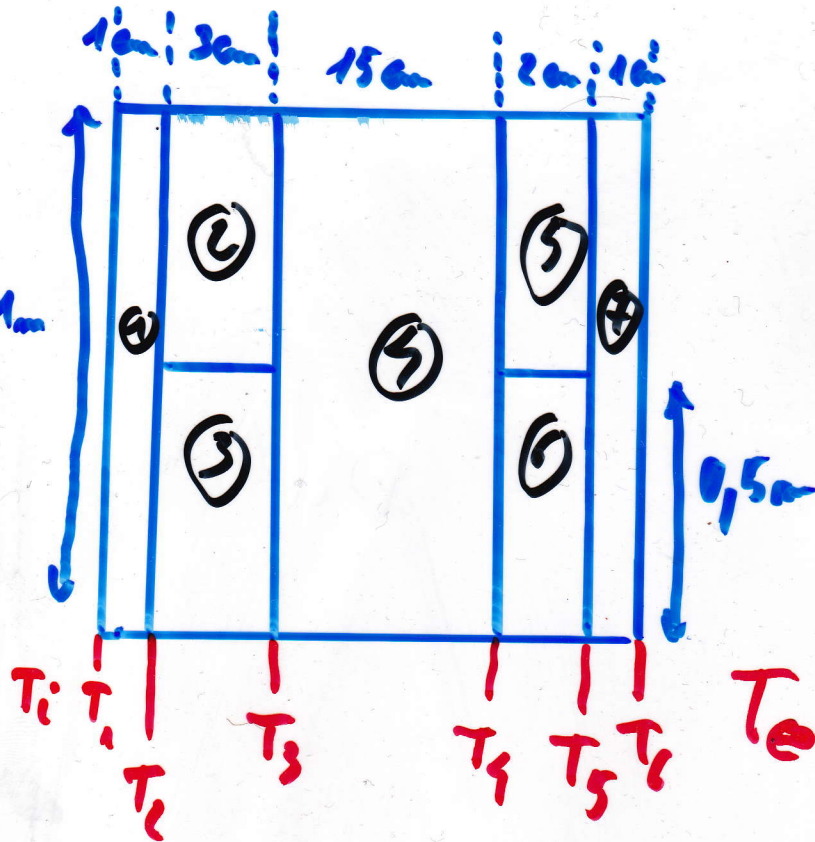


# \* Etude d'un mur composite :



$$\lambda_1 = 10 \text{ W.m}^{-1}.\text{K}^{-1}$$

$$\lambda_2 = 15 \text{ W.m}^{-2}.\text{K}^{-1}$$

$$T_i = 300 \text{ K}$$

$$T_e = 290 \text{ K}$$

| Désignation | indice | $\lambda$ en $\text{W.m}^{-2}.\text{K}^{-2}$ |
|-------------|--------|--|
| Plâtre      | 1      | 0,35   |
| Chevrons    | 2      | 0,15   |
| Isolant     | 3      | 0,03   |
| Béton       | 4      | 1,40   |
| Support     | 5      | 0,15   |
| Lame d'air  | 6      | 0,12   |
| Bardage     | 7      | 0,95   |