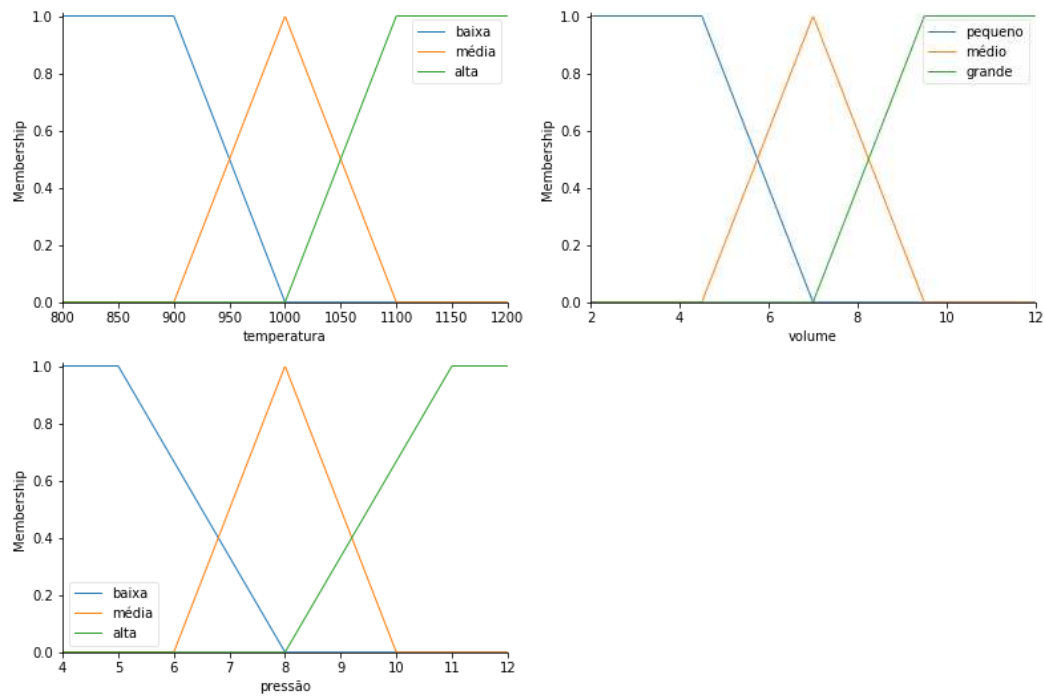




## EPC 5

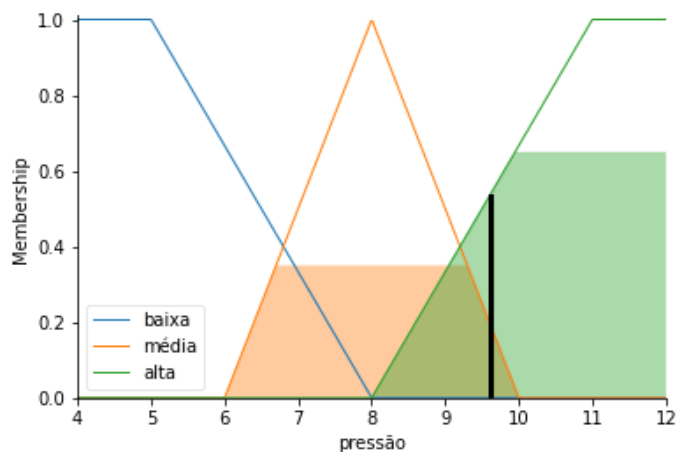
### 1- Funções de pertinência e padrões geométricos:



### 2- Simule os seguintes casos no sistema implementado:

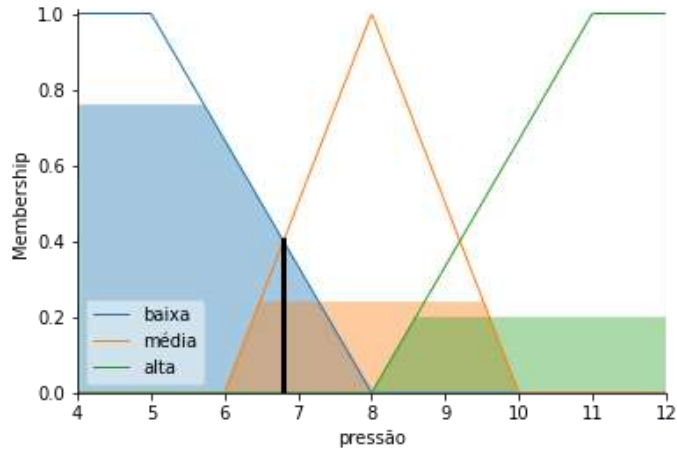
a) Temperatura  $x = 965^{\circ}\text{C}$  e Volume  $= 11\text{m}^3$

**9.60174082199029**



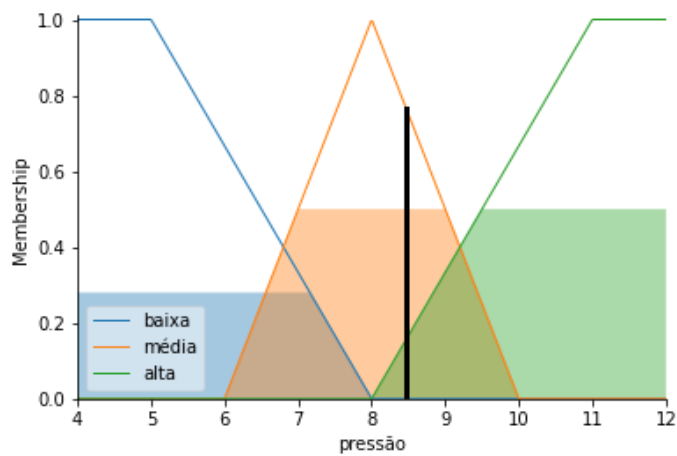
b) Temperatura  $x = 920^{\circ}\text{C}$  e Volume  $= 7.6\text{m}^3$

**6.785054380944453**



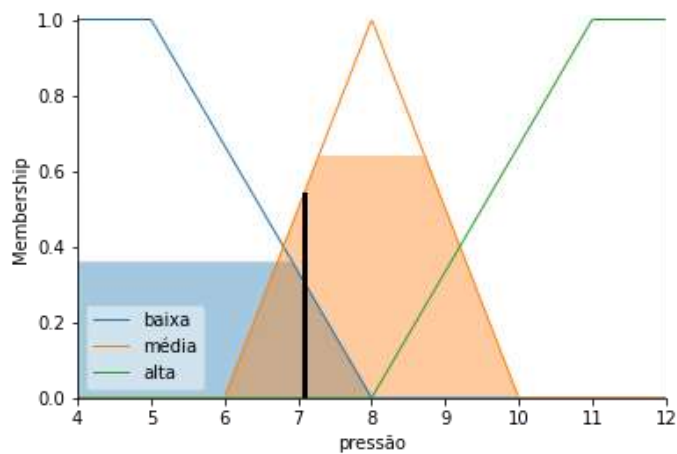
c) Temperatura  $x = 1050^{\circ}\text{C}$  e Volume  $= 6.3\text{m}^3$

**8.464904348919807**



d) Temperatura  $x = 843^{\circ}\text{C}$  e Volume  $= 8.6\text{m}^3$

**7.078109190565972**



e) Temperatura  $x = 1122^{\circ}\text{C}$  e Volume  $= 5.2\text{m}^3$

**8.734261062662334**

