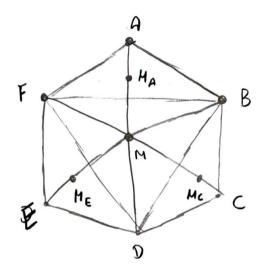
Considere um ponto Mqualquer no plano. Seja ABCDEF um hexágono regular contrado em M.

SejomMA, Mc, Mr es boricentros de AFB, CBD, EDF. =>

Du é boricentro rde:

- · ACE .
- · BDB
- · HAMC ME



$$f(H) = f(A) + f(C) + f(E) = f(B) - f(D) + f(F)$$

$$= f(H_A) + f(H_C) - f(H_E) =$$

$$= (f(A) + f(F) + f(B)) + (f(B) + f(C) + f(D)) + (f(D) + f(F))$$

$$= 2 \cdot (f(F) + f(D) + f(B)) + (f(A) + f(C) + f(D))$$

$$= 3 \cdot f(H) \implies f(H) = 0, \forall M.$$