Discussion of Fl. Point with Sweeney — June 13, '57

Compare : [redacted] (mant, not normalized)

M Add
Mpl
Div

S op S → S (usually will give D, but lost on most op)

B machine
- S + D → S
- add exp.
- add mantissa

variable field length does
exp → mant, mant → exp,

S machine options
- W
- Bonar
- D ÷ S → Q + Rem. (idiot div.)

Results

Normalized Unnorm.

exp. over − exp. under with sign bit zero mantissa as result of add

↓

e-48	0	normalized
e	0	un-norm

:(00010)(1)^{S}(n)

extra counter

Shifts cts

(a-b)

Divisor ← a

Divid ← b

normalized unnorm – if there's a remainder a give break-in.