SCALAR-SCALAR   CP 11   CP 12   CP 13   CP 14

SCALAR-VECTOR OR
VECTOR-VECTOR   CP 12   CP 13   CP 14   CP 15

JAM SAYS THAT THERE IS A CARRY
OUT OF THE UPPER BIT POSITION IN
THE COEFFICIENT ADD PROCESS

BLOCK UNDERFLOW BECAUSE
-1 SHIFT WILL SHIFT BIT
INTO COEFFICIENT

ADDER CONTROL
GO ADD/SUBTRACT
120,121,170-173

IJB
FA

COEFFICIENT
UNLIKE SIGNS
SUBTRACT MODE

IJA
FA

QAA   QAH   QDB   JAM

OIA   FC   COEFFICIENT
                     UNDERFLOW

PAA

PAB

PAC

LEADING ZERO COUNT ON
SECTION ∅ FOUND THAT
BITS 0-15 OF COEFFICIENT
ARE ALL ZEROES.

LEADING ZERO COUNT ON
SECTION 1 FOUND THAT
BITS 16-31 OF COEFFICIENT
ARE ALL ZEROES.

LEADING ZERO COUNT ON
SECTION 2 FOUND THAT
BITS 32-47 OF COEFFICIENT
ARE ALL ZEROES.

A-225IA

FB MODULE COEFFICIENT UNDERFLOW TO FC

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