FINDSUM Ri, Rj, Rk, X

IRx → Ra, IRx → R'a, 0 -→ Ri
R'a + 1 -→ R'a, Rk -→ R'd
R'a + 1 -→ R'a, Ri -→ Rd
R'a + 1 -→ R'a

1: **if** (OR(R'd) = 1) **then**
    Ra -→ MAR, Ra + 1 -→ Ra
    M[MAR] -→ MBR
    MBR -→ A, R'a -→ MAR, R'a + 1 -→ R'a

    M[MAR] -→ MBR
    MBR -→ B

    A + B -→ A
    Rj -→ B
    A - B -→ A

    if (OR(A) = 0) **then**
        Rd + 1 -→ Rd, R'd - 1 -→ R'd, goto 1
    else
        R'd - 1 -→ R'd, goto 1
    fi
else
    Rd -→ Ri, O -→ IR
fi

Note:

- *Aggiungo il registro R'a ad incremento, collegato al bus indirizzi.*