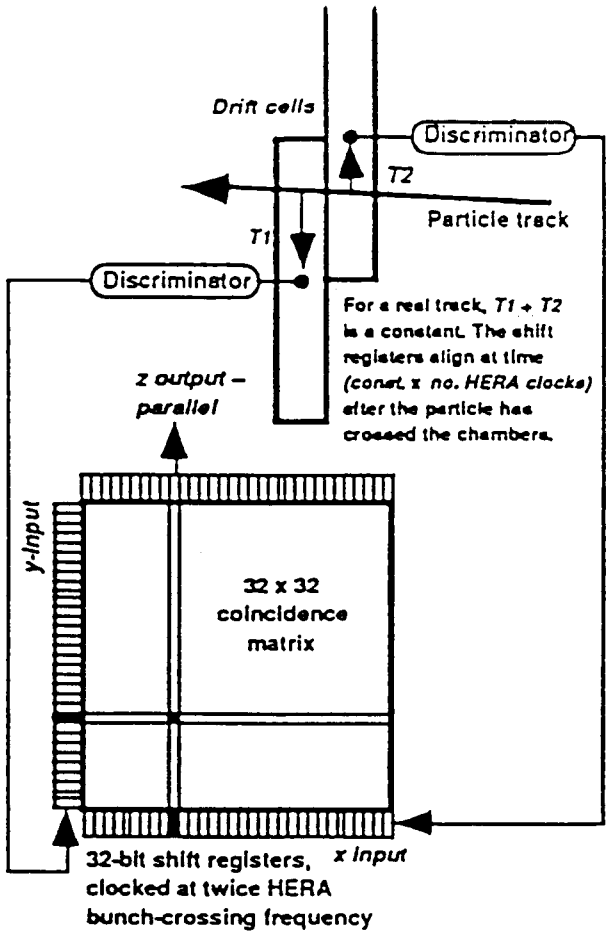
Drift cells
Discriminator
T2
Particle track
T1
Discriminator
For a real track, T1 + T2 is a constant. The shift registers align at time (const. x no. HERA clocks) after the particle has crossed the chambers.
z output – parallel
y-input
32 x 32 coincidence matrix
x input
32-bit shift registers, clocked at twice HERA bunch-crossing frequency