Kahul Vigiuswarian K CS23MTECH02002 2) Most significant Bilts (MSBs) of weights and lies are not as fault Tolerant as the LSB. If the calculation turation exceeds to Juste retention time cherause of faithful SET, then an error us induced. Edwar in the LSB can be tolerated as they are My definition Least Significant Buts. The comor because of faulty MSB will be accumulated and will lead ito bad accuracy. One way to get away by using frantial SET on MSB is dry personatively track and invoking the partial SET to each chit based on their end of rentention time This would cause unnecessary tracking & refresh overhead. One thing I can think as, it is observed in 3) The > addion Addional overhead caused by tracking each layer knoacturely in the layer aware SET bolicy. The implementation details of the times, etc are not clear. In the buffered marching based levelling spolicy, they mention
that the write is done in a marching sequential fashion
but the shyrical memory is not always allocated macity in
that fashion. The reference & address are arranged in different places. So this marching fashion as quistionable. The suproducibity of this work is foot. The benchmarking of this is done in an inhouse accelerator according to the outhors. Thus makes it very difficult to reproduce our; very on southerd their work

1) The write hypassing may not be effective for the several reasons:

The predictor model of when to hypass would cause

The predictor model of when to hypors would cause additional overhead. This would millify it any entra boost we get by the sparsity exploitation.

Asvertective of the write bypass, we would anyway have to access the data and write them air local low caches for operation and this transfer of data would reduce to go time gain.