Coding for Flash Memories

Bella Bose

- Flash memory is the major type of NVM
- (more than 90% of NVM market)
- (Market value around $100B)
- To Increase the density use multi-level Flash.

- Two major issues
  1. Many cells need to be rewritten from going higher level to lower level
  2. Endurance

flash disks  mobile devices  embedded systems