Checklist

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| --- | --- | --- | --- |
| S. No | Topics | Sub-Topics |  |
| 1 | **Digital Half toning** | Ordered Dithering |  |
|  |  | Error Diffusion |  |
|  |  | Dot Diffusion |  |
|  |  | Iterative |  |
| 2 | **Block Truncation Coding** | BTC |  |
|  |  | AD BTC |  |
|  |  | OD BTC |  |
|  |  | ED BTC |  |
|  |  | DD BTC |  |
| 3 | **Watermarking** | Any |  |
|  |  | Halftone Watermarking |  |

Question:  
1. Digital Halftoning:

* Ordered Dithering: How to make the matrix
* Error Diffusion: is the -99 in filter replaceable with other number, since it will be 0 anyway?
* Dot Diffusion: Why does we need to make the 11 row pad array on both top and bottom?

1. BTC: