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# Bin4 particles to unbinned particles

Mon, 09/26/2022 - 12:22 #1

zhho

Bin4 particles to unbinned particles

Hi cisTEM developers,

To speed up the classification, I binned my particles by 4 using Relion. After the 3D classification in cisTEM, I would like to select one class for further refinement using these unbinned particles. Is there any method that I can use to locate these bin4 particles in the unbinned particle stack?

Thanks,

Hongtao

**Source URL:**https://cistem.org/bin4-particles-unbinned-particles