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Build DUCHAMP package

Build SoFiA package

Obtain datacube

Runnable package with input  
datacube and output catalogue

Single threaded C/C++  
implementation

Port 2D/1D Wavelet  
reconstruction of DUCHAMP  
onto GPU

Compare runtimes of CPU  
and GPU implementations

Optimise GPU implementation

Integrate into  
DUCHAMP package

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datacube and output catalogue

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implementation

Port S+C from SoFiA  
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Optimise GPU implementation

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