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🖝 Ma	athematical description of HREM image formation:
	in reciprocal space: $G(u,v) = F(u,v) \cdot H(u,v)$
	After Fourier transform (\mathcal{F}) of the previous equation, a convolution in real space gives multiplication in reciprocal space.
	G(u,v) gives the Fourier components of an HREM image
	F(u,v) is the structure factor of the specimen, seen as diffraction
	<i>H</i> (<i>u</i> , <i>v</i>) is the Fourier transform of PSF, <i>describing how information</i> (<i>contrast</i>) in reciprocal space is transferred into the image.
	H(u,v) is the <u>Contrast Transfer Function (CTF)</u> .



