



Experimental precession diffraction pattern (left) of zirconium hydride; a 2 fold axis can be readily identified as reflections into circles show clear intensity difference. Those reflections have same intensity under SAED conditions and lead to wrong 2mm symmetry. Dynamical simulation (right) of precession intensities where real 2 fold axis can be observed (EMS software P.Stadelman)

“spinningstar” Philips CM30 STWIN 300 KV, 3° precession angle

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