CermitESR b0frfLoop(B0 loop, B1, cantilever, f rf loop, grid, h, magnet, mw x 0p, sample) returns: df spin collection: CermitESR graph: CermitESR graph handler: MemHandler components: - magnet: ['Bz method', 'Bzx method', 'Bzxx method'] - sample: ['J', 'Gamma', 'spin_density', 'temperature', 'dB_sat', 'dB_hom'] - grid: ['grid array', ['grid shape', 'shape'], ['grid step', 'step'], [...] - cantilever: ['k2f modulated'] CERMIT ESR experiment for a large tip. grid extended extend grid(extend grid by length, mw x 0p) return: ext grid functype: function ext_grid_ Bz extended x 0p window pts Bzxx field func(Bz method, ext grid, h) convert grid pts(mw x 0p, grid step) field func(Bzxx method, grid array, h) return: ext Bz return: ext pts return: Bzxx functype: function functype: function functype: function Convert distance to ext points. Calculate the field value at the given height and grid points. Calculate the field value at the given height and grid points. Bzxx ext_Bz ext_pts_ subnode B0 submodel B0(B0 loop, B1, Bzxx, Gamma, J, dB hom, dB sat, ext Bz, ext pts, f rf loop, grid shape, grid voxel, k2f modulated, spin density, temperature) return: df spin functype: mrfmsim.model.Experiment modifiers: - loop input('B0') Submodel generated by loop shortcut for parameter 'B0'.