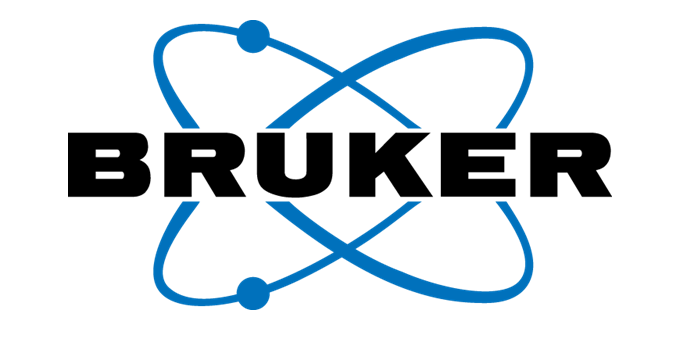
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**A General Scheme for NMR Supersequences Combining High- and Low-Sensitivity Experiments**

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**Section:** liquids

**Abstract** NOAH supersequences are a way of collecting multiple 2D NMR experiments in a single measurement. So far, this approach has been limited to experiments with comparable sensitivity. We now propose a scheme which overcomes this limitation, combining experiments with very different sensitivities such as 1,1-ADEQUATE, 15N HMBC, 13C HSQC, and optionally 15N seHSQC. These experiments provide a wealth of heteronuclear correlations and are particularly useful for proton-sparse molecules.

**Keywords:** NOAH, supersequence, ADEQUATE, HMBC

**Contents:** pulse programmes, AU programmes, sample datasets, and README file.

**Compatibility:** Avance III, TS3, Avance NEO, TS4

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