Solid-state nuclear magnetic resonance: from physics to materials
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...where the side effects become not negligible at all.

Nuclear Magnetic Resonance is a powerful technique that interacts with many fields, for instance physics, mechanics, informatics, and of course chemistry and biology. In liquid state, NMR is sometimes used as a black box, just to...

\[
\begin{align*}
\text{ph}_3 &= 0 3 2 1 \\
\text{ph}_2 &= 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 \\
\text{ph}_0 &= 0
\end{align*}
\]

"include <Avancesolids.incl>"

;l6 : loop counter for echo
;pl1 : H power for hard pulse

0.3u

Larmor frequency

\[\pi\]

David D. Laws

J.-C. BELOEIL

Mathematics

Informatics

Solid State Nuclear Magnetic Resonance

Physics

Mechanics

Benoit TESSON, Sylvie MASSE

Frustulins

Anal Bioanal Chem, 2008, 390, 1889–1898

Anal Bioanal Chem, 2008, 390, 1889–1898

CIRCP

256

Cryostat

Cost

Power

Boiling

Cryogenics

Nucleic acids

Solid State Nuclear Magnetic Resonance

From Physics to Materials

G. LAURENT, C. BONHOMME, F. BABONEAU

1 Chimie de la Matière Condensée de Paris

\(100\) ppm

\((-30, -10, 0, 10, 20, 30)\) ppm

\((-100, -40, 0, 40, 70)\) ppm

\((-5, 0, 5)\)

\((kJ.mol^{-1})\)

\((-1, 0, 1)\)