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<ul> <li>INTEDUCTION they cannot only according to the second out with LCI and KF orientation if was carried out with LCI and KF</li> </ul>
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magnetic moment of the neutron's and of various and the metal state of
the observation of transitions, caused by reso- corresponding to transmitten equinovation.
nance of an applied radiotrequency was with the I array receives in of the moments around an applied radiotregation of the moments and the second radiotregation of the second radiotregation
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time, that the connection between melecular in the change of frequency, and it presup-
beams and magnetic resenance was not at usaw point, filtering, the necessity of only slightly shared to the constitution areas in particular, point, filtering of the
whether nuclear transitions could not be de. perturbing 14 near the second existing and the second exi
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An attempt in this direction was under, the experiment difference in the first
was designed to indicate magnetic resonance
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radiofrequency fields which are so small that reaction upon the driving circuit, but by directly
<ol> <li>L. L. Rah, Phys. Rev. 33, 433 (1997).</li> <li>W. Abaret and F. Back, Phys. Rev. 57, 111 observing the induced intercompetition of the nuclear mo- tion in the processing of the induced intercompetition.</li> </ol>
<sup>11</sup> Rakk S. Milman, P. Kush, and J. R. Zacharina, manua around the constant field and in a direction































































































## Exercise

- We want a slice excitation with a given slice thickness of 3mm and a gradient strength of 10mT/m. We Assume the use of a sinc pulse shape for B1(t).
- Find the half-width duration of the B1(t) envelope (shape)
- Now, having this B1(t) envelope, find the intensity of B1 ( $\mu$ T) to get a 90 degree RF pulse.







































































































