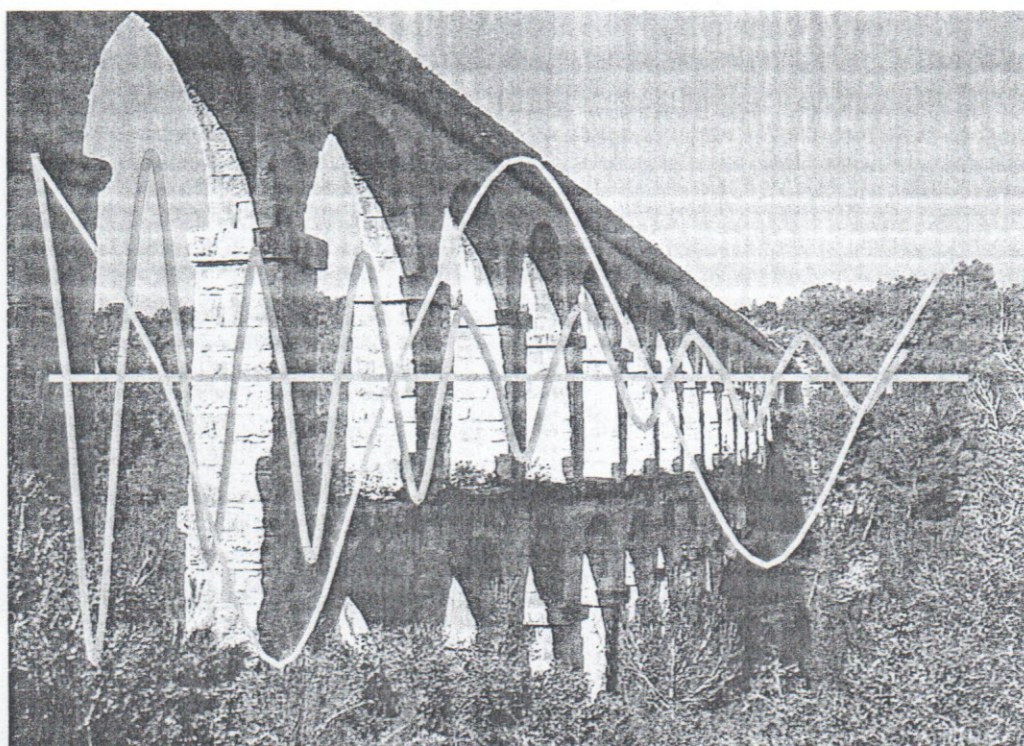


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**ABSTRACTS AND PROGRAMME**

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**HIGH THROUGHPUT, NON-DESTRUCTIVE DETERMINATION  
OF OIL CONTENT IN SEEDS BY CONTINUOUS WAVE-FREE  
PRECESSION NMR**

Luiz Alberto Colnago\* and Mario Engelsberg<sup>†</sup>.

\**Embrapa Instrumentação Agropecuária, São Carlos, SP, Brazil.* <sup>†</sup>*Universidade  
Federal de Pernambuco, Departamento de Física, Recife, PE, Brazil.*

A new analytical method based on continuous-wave free precession NMR is proposed as a high-throughput technique for measuring the oil content of intact seeds. The technique is especially designed to meet the requirements of selective breeding or genetical engineering programs for optimizing the performance of seeds in the production of biodiesel. The method has the potential to analyze more than 20000 intact seeds per hour and will be shown to be applicable even to mixtures of seeds of different species with similar fatty acid composition.