

GENERAL ARTICLES

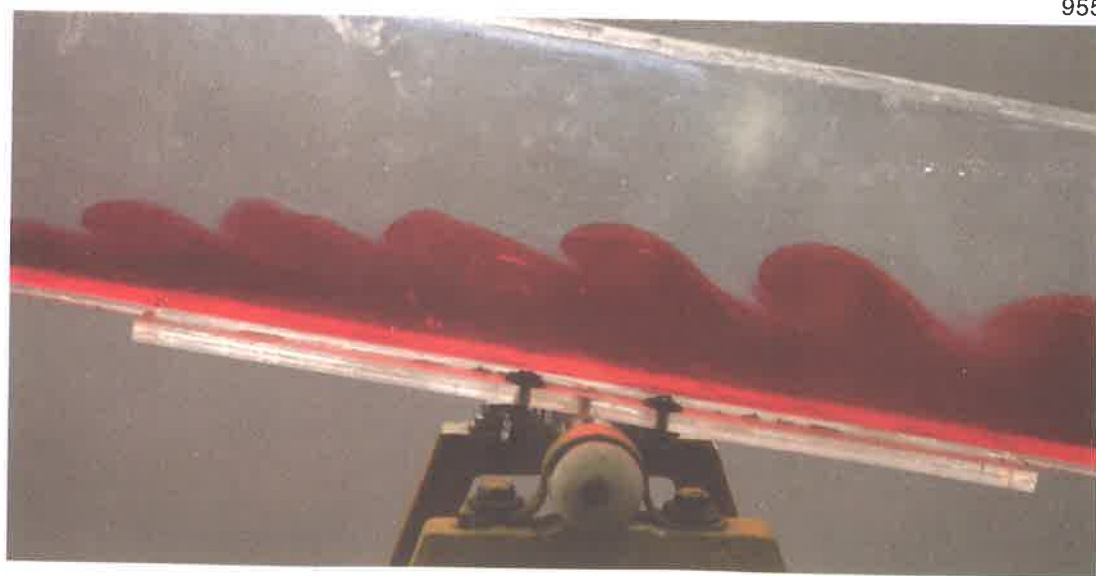
915 **On the Hahn–Banach Theorem**
S Kesavan

935 **A Primer on the Functional Equation**
 $f(x + y) = f(x) + f(y)$
Kaushal Verma

943 **Unearthing the Banach–Tarski Paradox**
B Sury

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Flowering Trees
Credit: Raja K Swamy, IISc



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Information & Announcements

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Front Cover



The Scottish Café at Lwów was the gathering point for local mathematicians led by Banach. This group included S Ulam, who was an undergraduate student at that time and who came to be known also through the Manhattan project. The marble tabletops of the Café were witness to vigorous mathematical discussions and scribbles for a long time. The tabletops allowed writing and erasing easily.

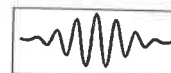
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Stefan Banach
(1892–1945)

Illustration: Subhankar Biswas

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Stefan Banach
(1892–1945)
B Sury



Classroom

The Inveterate
Tinkerer: Kelvin–
Helmholtz
Instability
Chirag Kalelkar

A Mistake Based
Approach Probing
Students' Under-
standing of
PV-Type Work in
Thermodynamics
*Raghunath O
Ramabhadran*