# ON KNEADING DETERMINAT IN TWO VARIABLES 

JOZEF BOBOK

Let $f$ be a unimodal interval map given for $a>0, b>1$ by the formula

$$
f_{a, b}(x):=\left\{\begin{array}{l}
a x+\frac{a+b-a b}{b}, x \in\left[0,1-\frac{1}{b}\right], \\
b-b x, x \in\left[1-\frac{1}{b}, 1\right] .
\end{array}\right.
$$

We assume the values $a, b$ to define the map $f_{a, b}$ topologically mixing. We study the properties of the kneading determinant of $f$ as a function of two variables.

## References

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Department of Mathematics, Faculty of Civil Engineering, Czech Technical University in Prague, Thákurova 7, 166 29, Prague 6, Czech Republic

Email address: jozef.bobok@cvut.cz

