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PUBLICATIONS:

1. **Linear Fractional Transformations And Nonlinear Leaping Convergents of Some Continued Fractions**

   Havens C, Barbero S, Cerruti U, Murru N, Research in Number Theory (28/2/2020)

   arXiv:2002.12644

   https://doi.org/10.48550/arXiv.2002.12644

2. **Math And Art In Prison: A Collaborative Effort Across The Ocean**

   Havens C, Tedeschini-Lalli Laura

   19th Conference on Applied Mathematics APLIMAT 2020 Proceedings (2020)

   https://iris.uniroma3.it/handle/11590/377213

3. **Diophantine Analysis around [1,2,3,…]**
   Chapter in the book: Number Theory in Memory of Eduard Wirsing
   Published August 29, 2023

   Elsner, C., Havens, C.R. (2023). Diophantine Analysis Around [1,2,3,…]. In: Maier, H., Steuding, J., Steuding, R. (eds) Number Theory in Memory of Eduard Wirsing. Springer, Cham.

   https://link.springer.com/chapter/10.1007/978-3-031-31617-3_9

   https://doi.org/10.1007/978-3-031-31617-3_9

4. **On natural leaping convergents of regular continued fractions**
   and an application to linear fractional transformations

   Elsner, C., Havens, C.R., (2023) Published in Integers 23 #182: 11/6/23

   http://math.colgate.edu/~integers/x82/x82.pdf

EMPLOYMENT:

Staff Research Associate, UCLA

Cryptography, Information Theoretical Research

Reference: **Amit Sahai**, PhD, MIT, Symantec Chair Professor of Computer Science, Director, Center for Encrypted Functionalities amitsahai@gmail.com

PRESS:

Popular Mechanics:

THIS INMATE USED SOLITARY CONFINEMENT TO LEARN MATH. NOW HE'S SOLVING THE WORLD'S HARDEST EQUATIONS

Feb 21, 2021, A.C. Shilton

Scientific American:

PIONEERING ADANCED MATH FROM BEHIND BARS

June 2, 2023, Amory Tillinghast-Raby

https://www.scientificamerican.com/article/pioneering-advanced-math-from-behind-bars/

ORGANIZATIONS: Prison Mathematics Project, Founder

REFERENCES:

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Dr. Amy Shell-Gellasch, Department of Mathematics, Eastern Michigan University, Past Chair, HOM SIGMAA, CSHPM council, Past Chair, Michigan Section of the MAA ashellge@emich.edu

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