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# American Mathematical Society

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- 저널종수 : 9종

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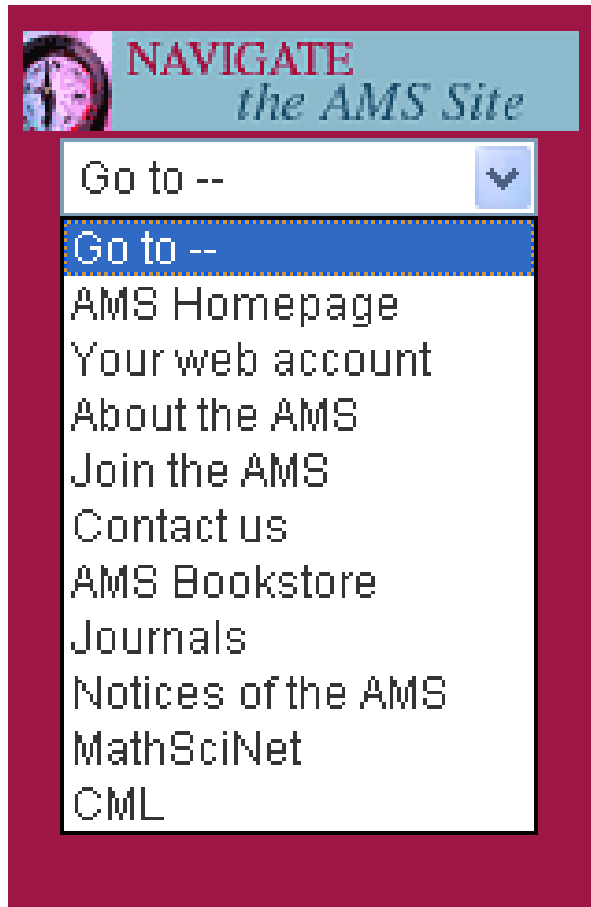
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## Advanced Journals Search

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**Specify MSC, Title words, Authors**

MSC  e.g., 11 or 14e25

and

Article title  e.g., "Boundary integral methods"

and

Anywhere  e.g., Banach and Hilbert

and

Author  e.g., Smith

MSC

Author

Article title

MSC

Keyword

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Article text

References

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- Bulletin of the AMS
- Conformal Geometry and Dynamics

### Limit Results by Publication Date **C**

From   through

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- A. Specify MSC, Title words, Authors
  - MSC: Primary or secondary Mathematics Subject Classification
  - Article Title: 기사제목
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Bulletin of the AMS

Conformal Geometry and Dynamics

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: 검색 결과 표시 형식 및 정렬 양식 지정

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**Matches for:** title=(elementary education) AND journal=(all)

**Sort order:** Date

**Format:** Standard display

**Results:** 1 to 30 of 42 found    Go to page: [1](#) [2](#)

**[1]** B. P. Duggal. A perturbed elementary operator and range-kernel orthogonality. Proc. Amer. Math. Soc.

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**[2]** Selby Jose and Ravi A. Rao. A structure theorem for the elementary unimodular vector group. Trans. Amer. Math. Soc.

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**[3]** Hyman Bass. Mathematics, mathematicians, and mathematics education. Bull. Amer. Math. Soc. 42 (2005) 417-430.

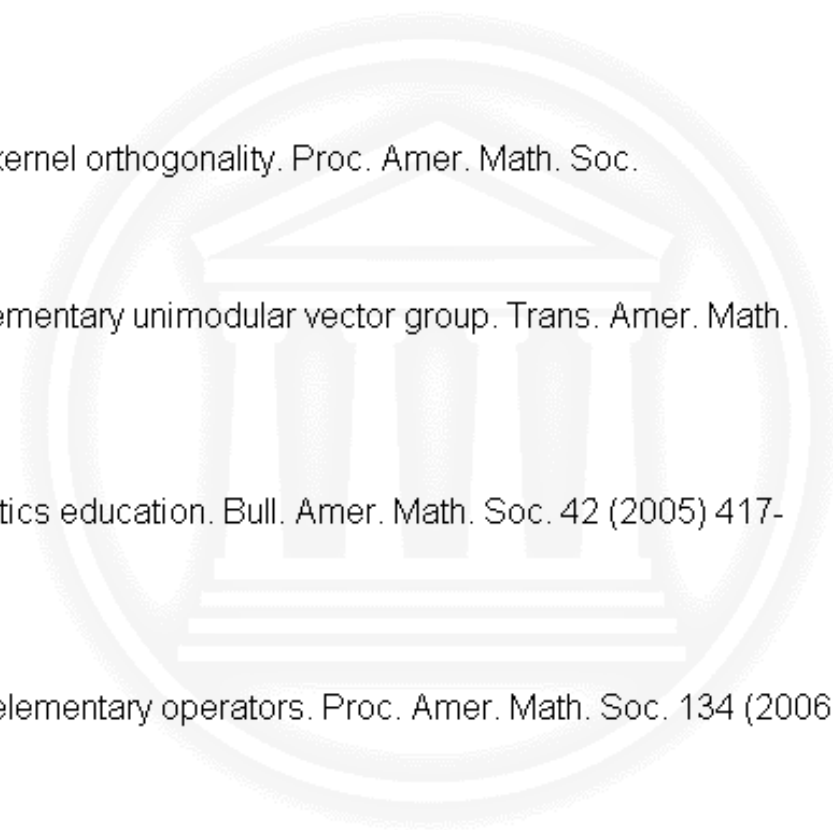
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**[4]** Rajesh Pereira. Representing conditional expectations as elementary operators. Proc. Amer. Math. Soc. 134 (2006) 253-258.

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M. Braverman; M. Yampolsky

J. Amer. Math. Soc.

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Holger Brenner; Mordechai Katzman

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#### *What is motivic measure?*

Thomas C. Hales

Bull. Amer. Math. Soc. **42** (2005), 119-135.

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W. Duke

Bull. Amer. Math. Soc. **42** (2005), 137-162.

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#### *The golden age of immersion theory in topology: 1959--1973. A modern survey from a historical perspective*

David Spring

Bull. Amer. Math. Soc. **42** (2005), 163-180.

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#### Stable ergodicity

Charles Pugh; Michael Shub; an appendix by Alexander Starkov  
Bull. Amer. Math. Soc. **41** (2004), 1-41

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참고문헌, 유사한 아티클  
추가정보

### Stable ergodicity

**Author(s):** Charles Pugh; Michael Shub; an appendix by Alexander Starkov.

**Journal:** Bull. Amer. Math. Soc. **41** (2004), 1-41.

**MSC (2000):** Primary 37C40

**Posted:** November 4, 2003

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[AIBV] Alves, J. F., C. Bonatti and M. Viana, *SRB measures for partially hyperbolic systems whose central direction is mostly expanding*, Invent. Math. **140** (2000), 351-398. [MR 2001j:37063b](#)

[An] Anosov, D. V., *Geodesic flows on closed Riemannian manifolds of negative curvature*, Proc. Steklov Inst. Math. **90** (1967), [MR 36:7457](#)

# Issue Page 2: Article (PDF)



$$\lim_{J \downarrow p} \frac{m(A \cap J)}{m(J)} = \chi_A(p)$$

almost everywhere. ( $\chi_A$  is the characteristic function of  $A$ , and  $J \downarrow p$  means that  $J \in \mathcal{J}(p)$  shrinks down to  $p$ .) The Lebesgue Density Theorem states that the family of balls in Euclidean space is a density basis. In particular, being a density basis rules out the Nikodym phenomenon.

Juliennes are constructed for a diffeomorphism of class  $\mathcal{E}$  as follows. Using a fixed Riemann metric on  $M$ , write  $W_{\text{loc}}^u(x)$  for the local unstable manifold of  $x \in M$  and  $W^u(x, r)$  for the disc of radius  $r$  in  $W_{\text{loc}}^u(x)$ . When  $r$  is small, this disc is quite round; i.e., its inradius approximates half its diameter. Define  $W^c(x, r)$ ,  $W^s(x, r)$  similarly. Fix an integer  $n \geq 0$  and a point  $p \in M$ . Take a small disc  $D$  in the center manifold at  $p$ ,

$$D = W^c(p, \sigma^n),$$

where  $\sigma < 1$  depends on the hyperbolicity and center bunching constants. Let  $Y$  be the  $f^n$ -image of the disc  $W^s(f^{-n}p, \tau^n)$  where  $\tau < \sigma$  also depends on the hyperbolicity and bunching constants. When  $n$  is large,  $Y$  is much smaller than  $D$ , but it may be quite eccentric. The center stable julienne is the local foliation product

$$J_n^{cs}(p) = \{z = W_{\text{loc}}^c(q) \cap W_{\text{loc}}^s(y) : q \in D \text{ and } y \in Y\}.$$

It is a neighborhood of  $p$  in  $W^{cs}(p)$ . A similar definition applies for the center unstable julienne, using in place of  $Y$  the set  $X = f^{-n}W^u(f^n p, \tau^n)$ . The solid julienne is the foliation product

$$J_n(p) = \{z \in W_{\text{loc}}^u(x) \cap W_{\text{loc}}^s(y) : x \in J_n^{cu}(p, n) \text{ and } y \in J_n^{cs}(p, n)\}.$$

See Figure [9](#).

The julienne bases are

$$\mathcal{J}^{cs} = \bigcup_p \{J_n^{cs}(p) : n \in \mathbb{N}\} \quad \mathcal{J}^{cu} = \bigcup_p \{J_n^{cu}(p) : n \in \mathbb{N}\} \quad \mathcal{J} = \bigcup_p \{J_n(p) : n \in \mathbb{N}\}.$$

It is clear that as  $n \rightarrow \infty$ ,  $J_n^{cu}(p)$ ,  $J_n^{cs}(p)$ , and  $J_n(p)$  shrink down to  $p$ . In [PS3](#)

PDF Fulltext

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- Bulletin of the American Mathematical Society
- Conformal Geometry and Dynamics
- Electronic Research Announcements
- Journal of the American Mathematical Society
- Mathematics of Computation
- Proceedings of the American Mathematical Society
- Representation Theory
- Transactions of the American Mathematical Society

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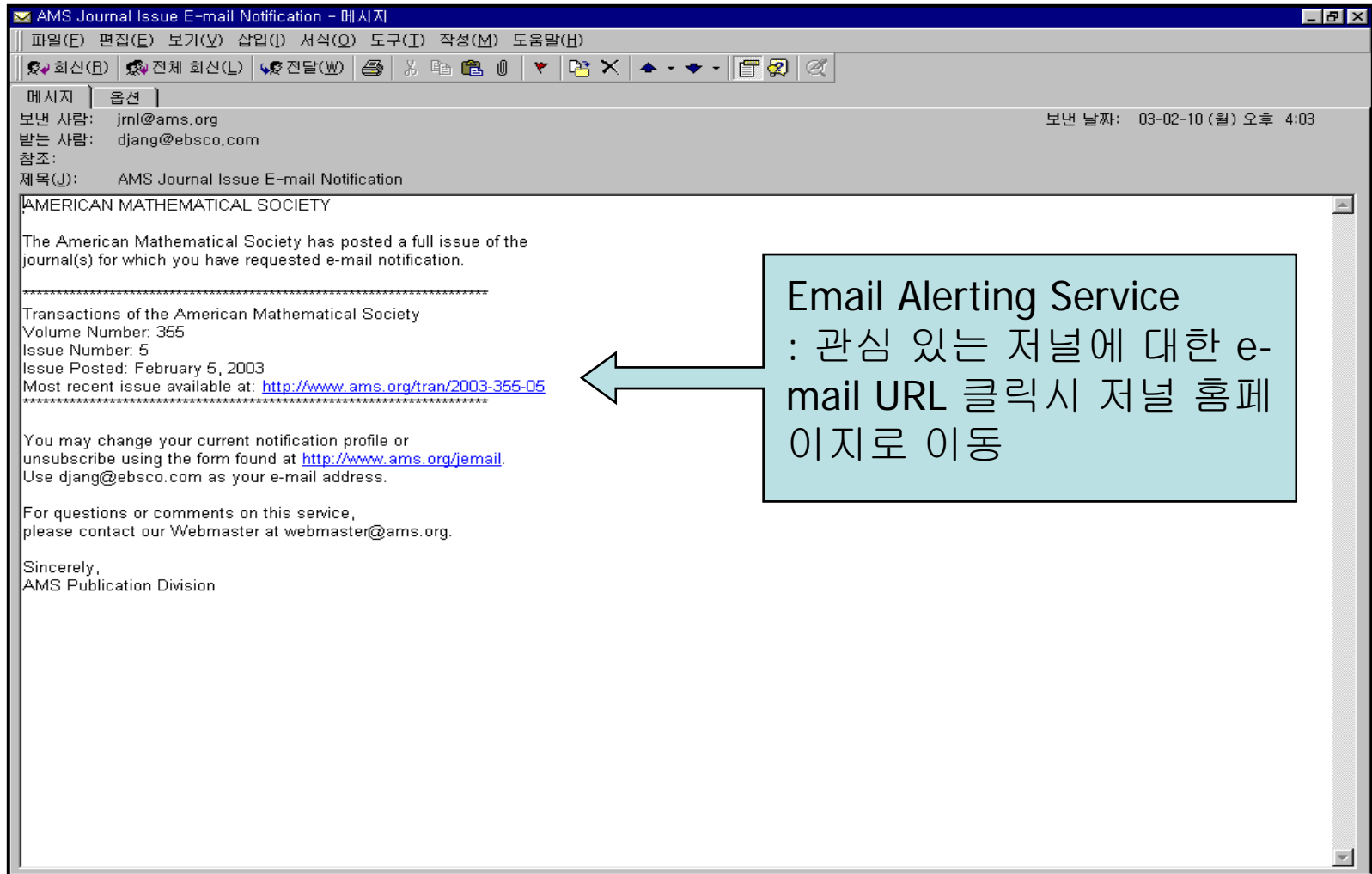
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