

Vasile Ene: lista lucrarilor stiintifice

Carti



Real Functions – Current Topics, Lecture Notes in Mathematics 1603, Springer Verlag 1995



Analiza Funcțională, Universitatea Ovidius Constanta 1997

Articole publicate in perioada 1982 – 1998

1. *On Foran's conditions $A(N)$, $B(N)$ and (M)* , Real Analysis Exchange, (1984), 495-502.
2. *On Foran's property (M) and its relations to Lusin's Property (N)* , Real Analysis Exchange 9 (1984), 558-563.
3. *On Lusin's condition (N)* , Studii si Cercetari Matematice 36 (1984), no. 22, 83-85 .
4. *A study of Foran's conditions $A(N)$ and $B(N)$ and his class $\{F\}$* , Real Analysis Exchange 10 (1985), 194-212.
5. *Nonabsolute convergent integrals*, Real Analysis Exchange 11 (1986), 121-134.
6. *On some classes of continuous functions*, Real Analysis Exchange 11 (1986), 452-463.
7. *Monotonicity theorems*, Real Analysis Exchange 12 (1987), 420-454.
8. *A theorem which implies both Tolstoff's theorem and Zahorski's theorem on monotonicity*, Rev. Roumaine Math. Pures Appl. XXX (1987), no. 10, 121-129.
9. *Answers to three questions of Foran*, Real Analysis Exchange 14 (1989), 43-248.
10. *Construction of a wrinkled function*, Real Analysis Exchange 14 (1989), 224-228.
11. *Integrals of Lusin and Perron type*, Real Analysis Exchange 14 (1989), 115-140.
12. *Semicontinuity conditions and monotonicity*, Real Analysis Exchange 14 (1989), 293-413.
13. *Finite representation of continuous functions, Nina Bary's wrinkled functions and Foran's condition (M)* , Real Analysis Exchange 15 (1990), 445-469.
14. *On some questions raised by J. Foran*, Real Analysis Exchange 15 (1990), 559-581.
15. *Monotonicity and local systems*, Real Analysis Exchange 17 (1991/92), 291-313.
16. *Integration by parts for the Foran integral*, Real Analysis Exchange 17 (1992), 402-404.
17. *Characterization of $AC^*G \cap C$, $\underline{AC}^* \cap C_i$, AC and \underline{AC} functions*, Real Analysis Exchange 19 (1994), 491-510.

18. *A fundamental lemma for monotonicity*, Real Analysis Exchange 19 (1993/4), 579-589.
19. *Teoreme de monotonie pentru functii reale cu o variabila reala*, Studii si Cercetari Matematice 46 (1994), no. 3, 347-386, (teza de doctorat).
20. *The decomposition of a VB^* function*, An. St. Univ. Ovidius Constanta 1 (1995).
21. *A generalization of the Banach-Zarecki theorem*, Real Analysis Exchange 20 (1995), no. 2, 639-646.
22. *A note on an assumption of P. Y. Lee and T. S. Chew*, Real Analysis Exchange 21 (1995-1996), no.2, 755-757.
23. *On a result of Maly, Preiss and Zajicek*, Anal. St. Univ. Ovidius Constanta 5(1996), no. 1, 47-50.
24. *On a theorem of Lee and Chew*, Anal. St. Univ. Ovidius Constanta 5 (1996), no. 1, 51-58.
25. *Local systems and Taylor's theorem*, Real Analysis Exchange 22 (1996-1997), no. 2, 638-644.
26. *On Borel measurable functions that are VBG and (N)* , Real Analysis Exchange 22 (1996-1997), no. 2, 688-695.
27. *Riesz type theorems for general integrals*, Real Analysis Exchange 22 (1997), no. 2, 714-733.
28. *Characterizations of $VBG \cap (N)$* , Real Analysis Exchange 23 (1997/8), no. 2, 611-630.
29. *Characterizations of $VB^*G \cap (N)$* , Real Analysis Exchange 23 (1997/8), no. 2, 571-600.
30. *Convergence and approximate differentiation*, Real Analysis Exchange 23 (1997/8), no. 1, 141-160.
31. *An elementary proof of the Banach-Zarecki theorem*, Real Analysis Exchange 23 (1997/8), no. 1, 295-302.
32. *Hake-Alexandroff-Looman type theorems*, Real Analysis Exchange 23 (1997/8), no. 2, 491-524.
33. *Lusin's condition (N) and Foran's condition (M) are equivalent for Borel functions that are VBG on a Borel set*, Real Analysis Exchange 23 (1997/8), no. 2, 477-490.
34. *On the decomposition theorems of Lebesgue and Jordan*, Real Analysis Exchange 23 (1997/8), no. 1, 313-324.
35. *The wide Denjoy integral as a limit of a sequence of stepfunctions in a suitable convergence*, Real Analysis Exchange 23 (1997/8), no. 2, 719-734.
36. *On an improvement of a recent result of Thomson*, Real Analysis Exchange 25 (1999/2000), no. 1, 429-436.
37. *On an improvement of the Hake theorem*, Real Analysis Exchange 24 (1998/9), No. 2, 867-872.
38. *Thomson's variational measure*, Real Analysis Exchange, 24 (1998/9), No. 2, 523-566.

Articole publicate dupa moartea autorului

1. *On a problem of Faure and Guenard*, Real Analysis Exchange, 24 (1998/9), No. 2, 885-888.
2. *Characterizations of $VBG \cap (N)$ and $VB^*G \cap (N)$ by means of appropriate variational outer measures*, Revue Roum. Pures et Appl.
3. *Thomson's variational measure and some classical theorems*, Real Analysis Exchange, 5 (2000), no. 2, 521-546.

4. *Thomson's variational measure and nonabsolutely convergent integrals*, Real Analysis Exchange 26 (2000/2001), no. 1, 35-50.
5. *A study of some general integrals which contain the wide Denjoy integral*, Real Analysis Exchange 26, (2000/2001), no. 1, 51-100.
6. *Convergence theorems*, Real Analysis Exchange 25 (1999/2000), no. 2, 955-958.
7. *A Note on the convergence of UAC sequences*, An. St. Univ. Ovidius Constanta, 6(1998), no. 2, 37-42.
8. *Theorems of Lusin type*, An. St. Univ. Ovidius Constanta, 6(1998), no. 2, 43-46.
9. *On some classes of functions related to Lusin's condition (N)*, An. St. Univ. Ovidius Constanta, 6 (1998), no. 2, 47-52.
10. *Notes on the (PVB) and (PAC) functions*, An. St. Univ. Ovidius Constanta, 6(1998), no. 2, 53-58.
11. *On the T-integration of Kartak and Marik*, Real Analysis Exchange, 28, no. 2 (2003).