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Research interest: Vertex operator algebras; Infinite dimensional Lie algebras and superalgebras; Conformal field theory

Recent publications:

- [1] D. Adamović, A. Milas, [The structure of Zhu's algebras for certain W-algebras](#), **Advances in Mathematics** 227 (2011) 2425-2456
- [2] D. Adamović, A. Milas, [On W-Algebras Associated to \$\(2, p\)\$ Minimal Models and Their Representations](#), **International Mathematics Research Notices** 2010 (2010) 20 : 3896-3934
- [3] D. Adamović, A. Milas, [Lattice construction of logarithmic modules for certain vertex algebras](#), **Selecta Mathematica, New Series** 15 (2009) 535-56
- [4] D. Adamović, A. Milas, [The \$N=1\$ triplet vertex operator superalgebras](#), **Communications in Mathematical Physics** 288 (2009) 225-270
- [5] D. Adamović, O. Perše, [Some general results on conformal embeddings of affine vertex operator algebras](#), to appear in **Algebras and Representation Theory**

Selected publications:

- [1] D. Adamović, A. Milas, On triplet vertex algebra $W(p)$, **Advances in Mathematics** 217 (2008) 2664-2699
- [2] D. Adamović, [Lie superalgebras and irreducibility of \$A_{1^{\(1\)}}\$ -modules at the critical level](#), **Communications in Mathematical Physics** 270 (2007) 141-16
- [3] D. Adamović „Classification of irreducible modules of certain subalgebras of free boson vertex algebra“, **Journal of Algebra** 270 (2003) 115-132
- [4] D. Adamović „Vertex algebra approach to fusion rules for $N=2$ superconformal minimal models“, **Journal of Algebra** 239 (2001) 549-572
- [5] D. Adamović „Rationality of Neveu-Schwarz vertex operator superalgebras“, **International Mathematics Research Notices** 17 (1997), 865-874