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REFERENCES

- [Ar] ARNOLD, V. *Mathematical Methods of Classical Mechanics*. (Graduate Texts in Math.) Springer Verlag, 1978.
- [Be] BEREST, YU. Huygens' principle and the bispectral problem. In: *The Bispectral Problem*, 11–30. (CRM Proceedings and Lecture Notes 14). Amer. Math. Soc., 1998.
- [BEG] BEREST, YU., P. ETINGOF and V. GINZBURG. Cherednik algebras and differential operators on quasi-invariants. math.QA/0111005, accepted by *Duke Math. J.*
- [Bj] BJÖRK, J.-E. *Rings of Differential Operators*. North-Holland, Amsterdam–New York, 1979.
- [Ch] CHEREDNIK, I. Double affine Hecke algebras, Knizhnik-Zamolodchikov equations, and Macdonald operators. *Internat. Math. Res. Notices* 9 (1992), 171–180.
- [CV1] CHALYKH, O. A. and A. P. VESELOV. Commutative rings of partial differential operators and Lie algebras. *Comm. Math. Phys.* 126 (1990), 597–611.
- [CV2] CHALYKH, O. A. and A. P. VESELOV. Integrability in the theory of Schrödinger operator and harmonic analysis. *Comm. Math. Phys.* 152 (1993), 29–40.
- [Du] DUNKL, C. F. Differential-difference operators associated to reflection groups. *Trans. Amer. Math. Soc.* 311 (1989), 167–183.
- [Eis] EISENBUD, D. *Commutative Algebra with a View Toward Algebraic Geometry*. Springer, New York, 1994.
- [EG] ETINGOF, P. and V. GINZBURG. Symplectic reflection algebras, Calogero-Moser space, and deformed Harish-Chandra homomorphism. *Invent. Math.* 147 (2002), 243–348.
- [EG2] ETINGOF, P. and V. GINZBURG. On m -quasi-invariants of Coxeter groups. Preprint math.QA/0106175. To appear in *Mosc. Math. J.*
- [FV] FEIGIN, M. and A. VESELOV. Quasi-invariants of Coxeter groups and m -harmonic polynomials. *Internat. Math. Res. Notices* 10 (2002), 521–545.
- [FeV] FELDER, G. and A. VESELOV. Action of Coxeter groups on m -harmonic polynomials and KZ equations. Preprint 2001, QA/0108012, accepted by *Mosc. Math. J.*
- [He] HECKMAN, G. J. A remark on the Dunkl differential-difference operators. In: *Harmonic Analysis on Reductive Groups (Brunswick, ME, 1989)*, 181–191. Birkhäuser, Boston, 1991.
- [HO] HECKMAN, G. J. and OPDAM, E. M. Root systems and hypergeometric functions I. *Compositio Math.* 64 (1987), 329–352.
- [Hu] HUMPHREYS, J. E. *Reflection Groups and Coxeter Groups*. Cambridge University Press, Cambridge, 1990.
- [LS] LEVASSEUR, T. and J. T. STAFFORD. Invariant differential operators and an homomorphism of Harish-Chandra. *J. Amer. Math. Soc.* 8 (1995), 365–372.

- [Op1] OPDAM, E. M. Some applications of hypergeometric shift operators. *Invent. Math.* 98 (1989), 1–18.
- [Op] — *Lecture Notes on Dunkl Operators for Real and Complex Reflection Groups*. (MSJ Memoirs 8). Mathematical Society of Japan, Tokyo, 2000.
- [OR] OPDAM, E. and R. ROUQUIER. In preparation.
- [VdB] VAN DEN BERGH, M. Differential operators on semi-invariants for tori and weighted projective spaces. In: *Topics in Invariant Theory*, 255–272. Lecture Notes in Math. 1478. Springer, Berlin, 1991.

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