

## SEMINAR ON COX RINGS

### Bibliography

Many of these papers have appeared, but I just give the arxiv reference for convenience. See Mathscinet for the journal references. Reference [9] is an introduction. This is only a partial bibliography - there are definitely serious omissions. I welcome any suggestions for additional references.

- (1) Aretbani-Hausen-Laface. *On Cox rings of K3-surfaces*. 0901.0369.
- (2) Batyrev - Popov. *The Cox ring of a Del Pezzo surface*. math.AG/0309111.
- (3) Berchtold-Hausen. *Cox rings and combinatorics*. math.AG/0311105.
- (4) Brion. *The total coordinate ring of a wonderful variety*. 0603.5157.
- (5) Castravet. *The Cox Ring of  $\bar{M}_{0,6}$* . arXiv:0705.0070.
- (6) Castravet-Tevelev. *Hilbert's 14th Problem and Cox Rings*. math/0505337.
- (7) Cox. *The Homogeneous Coordinate Ring of a Toric Variety*. alg-geom/9210008.
- (8) Derenthal. *On the Cox ring of Del Pezzo surfaces*. math.AG/0603111
- (9) Hassett. *Rational surfaces over nonclosed fields*. Lecture notes. Available at <http://math.rice.edu/hassett/papers.html>.
- (10) Hassett-Tschinkel. *Universal torsors and Cox rings*. math.AG/0308182
- (11) Hausen *Cox rings and combinatorics*. arxiv:0311.5105.
- (12) Hu-Keel. *Mori dream spaces and GIT* math.AG/0004017.
- (13) Laface-Velasco. *A survey on Cox rings*. arXiv:0810.3730.
- (14) Laface-Velasco *Picard-graded Betti numbers and the defining ideals of Cox rings*. math.AG.0707.3251. (Check published version for corrections).
- (15) Serganova-Skorobogatov. *Del Pezzo surfaces and representation theory*. 0611.5737.
- (16) Serganova-Skorobogatov. *On the equations for universal torsors over del Pezzo surfaces*. 0806.0089.
- (17) Stillman-Testa-Velasco *Groebner bases, monomial group actions, and the Cox rings of Del Pezzo surfaces*. math.AC/0610261.
- (18) Sturmfels-Velasco. *Blow-ups of  $\mathbb{P}^{n-3}$  at  $n$  points and spinor varieties*. 0906.5096.
- (19) Sturmfels-Xu. *Sagbi Bases of Cox-Nagata Rings*. arXiv:0803.0892
- (20) Testa/Várilly-Alvarado. *Cox rings of degree one del Pezzo surfaces* arXiv:0803.0353.

- (21) Testa/Várilly-Alvarado/Mauricio Velasco. *Big rational surfaces*.  
arXiv:0901.1094