Erratum to

Mukai’s program (reconstructing a K3 surface from a curve) via wall-crossing

(J. reine angew. Math. 765 (2020), 101–137)

By Soheyla Feyzbakhsh at London

There is a mistake in the proof of [1, Proposition 5.2 (a), line 5]. The error stems from the fact that there can be nonzero maps between slope-stable sheaves of the same slope. This affects the validity of the main results as follows: The proof of [1, Theorem 1.2] is complete only for \( g = rs + 1 \) with \( r \geq 2 \) and \( s \geq \max\{r, 5\} \). As [1, Theorem 1.1 and Theorem 1.3] are based on [1, Theorem 1.2], their proofs are also complete only for \( g = rs + 1 \) with \( r \geq 2 \) and \( s \geq \max\{r, 5\} \). In the new paper [2] we explain how to modify [1, Theorem 1.2] in the missing cases \( g = p + 1 \geq 14 \), where \( p \) is a prime number so that eventually the main results of the paper [1, Theorem 1.1 and Theorem 1.3] are proved valid.

References

[1] S. Feyzbakhsh, Mukai’s program (reconstructing a K3 surface from a curve) via wall-crossing, J. reine angew. Math. 765 (2020), 101–137.
[2] S. Feyzbakhsh, Mukai’s program (reconstructing a K3 surface from a curve) via wall-crossing, II, preprint 2020, https://arxiv.org/abs/2006.08410.

Soheyla Feyzbakhsh, School of Mathematics, Imperial College London, Huxley Building, South Kensington Campus, SW7 2AZ, London, United Kingdom

e-mail: s.feyzbakhsh@imperial.ac.uk

Eingegangen 21. September 2020