ERRATA TO "MAPS BETWEEN ORBIFOLDS"

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William Dunbar has pointed out to the author an error in the paragraph immediately preceding Definition 2.1, where the author implicitly assumed that $X_0 - f^{-1}(\Sigma_Y)$ is connected. Accordingly, the correct definition is as follows:

Definition 2.1'. A map $f: X \to Y$ is a *pre-orbi-map* if $X_0 - f^{-1}(\Sigma_Y)$ is nonempty and connected, $q_X \circ i_*$ is surjective, and $(f_0)_*(K_f) \subset N_Y$.

The proof of Theorem 2.4 is now insufficient with respect to this corrected definition. If we add a further assumption of Y being good, then a transversality argument as in the proof of 2.5 can be exploited to finish the proof of 2.4.

References

1. M. Yamasaki, Maps between orbifolds, Proc. Amer. Math. Soc. 109 (1990), 223-232.

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