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NOTICE OF RETRACTION

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ABSTRACT. The result of a previous paper is retracted.

The paper [1] contains an error rendering its principal theorem invalid. The error occurs at equation (4.5). Since $\nabla_X X = 0$ was used to derive (4.4), it follows that (4.5) uses the implicit assumption that $\nabla_Y Y = 0$. Since this is the desired conclusion (4.8), the argument is circular. Here X and Y are vector fields defined locally.

The author would like to thank Prof. B. Datta, of the Indian Statistical Institute for pointing out that there is a subspace of R^7, intersecting S^6 in a submanifold U diffeomorphic to S^3, in such a way that any two dimensional submanifold of U is totally real. This provides a counterexample to the theorem of the paper.

REFERENCES

1. M. A. Bashir, *On totally real submanifolds in a 6-sphere*, Canad. Math. Bull. **33**(1990), 162–166.

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