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General Relativity and Quantum Cosmology

On a proof of the collapse conjecture for a diagonal Bianchi type-IX vacuum space-time

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It is given a simple proof of the collapse conjecture for a diagonal Bianchi type-IX vacuum space-time. It is shown that the codimension of the infinity stable attractor, restricted to the anisotropy plane, is not zero, thus proving that "escape along a channel" is impossible.

Subjects: **General Relativity and Quantum Cosmology (gr-qc)**; Mathematical Physics (math-ph)

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