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Natural connections for semi-Hamiltonian systems: The case of the \$\epsilon\$-system

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Given a semi-Hamiltonian system, we construct an \$F\$-manifold with a connection satisfying a suitable compatibility condition with the product. We exemplify this procedure in the case of the so-called \$\epsilon\$-system. The corresponding connection turns out to be flat, and the flat coordinates give rise to additional chains of commuting flows

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