

SUGAWARA—SOMMERFIELD CONSTRUCTION
FOR THE $O(3)$ -INVARIANT GOLDSTONE MODEL

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S u m m a r y

It is shown that the Sugawara–Sommerfield relation between currents and the energy-momentum tensor, which is valid for some integrable two-dimensional field theories and for a model of self-interacting charged scalar mesons, can be generalized to the non-Abelian $O(3)$ -invariant Goldstone model.