

Form factors in the $gl(2|1)$ based models

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We apply the nested algebraic Bethe ansatz to the models with $gl(2|1)$ symmetry. We obtain explicit representations for the Bethe vectors and their scalar products. We obtain determinant formulas for the scalar products, if a part of the Bethe parameters satisfy Bethe equations. This allows us to obtain compact determinant representations for the form factors of the monodromy matrix entries.