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99d:30021[Koepf, Wolfram](#) (D-KOZU); [Schmersau, Dieter](#) (D-KOZU)**Weinstein's functions and the Askey-Gasper identity. (English summary)***Integral Transform. Spec. Funct.* **5** (1997), *no. 3-4*, 227–246.[30C50](#) ([30C45](#) [33C45](#))[Journal](#)[Article](#)[Doc
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References: 0**Reference Citations: 0****Review Citations: 0**

The authors show how a variant of the Askey-Gasper identity can be deduced by a straightforward examination of Weinstein's functions which are intimately related with a Löwner chain of the Koebe function. The authors also prove that Weinstein's functions can be represented as Jacobi polynomial sums and obtain the Askey-Gasper inequality and identity for Weinstein's functions. Finally, the authors give a simple method to generate the explicit representation of Weinstein's functions.

Reviewed by *Shusen Ding*

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