

Clustering and nesting of energy spectra CORRECTIONS AND SUPPLEMENTS

P. v. Mouche

October, 11, 2012

Corrections:

1. Page 394, line 1 ↓: the Butler-Brown-Chambers phase-relation
2. Page 394, line 13 ↑: $I_1, I_2 \in U$ with $I_1 \neq I_2 \implies$
3. Page 394, line 16 ↑: form $\{a \leq x \leq b \mid x \in \mathbb{R}\}$ with
4. Page 396, line 4 ↓: *The mentioned discrete Ince conjecture has been proved in two completely different ways by P. v. Mouche: Com.Math.Phys., 122, 23-33 (1989) and also by G. Elliott, M. Choi, N. Yui; Invent.math., 99, 225-246 (1990).*
5. Page 399, line 15 ↓: *Erase the in* the reader may check this
6. Page 401, line 1 ↑: and Keller(1963), for cases in which $b^{(\alpha, \nu)}$ is symmetric, together with a trick based on the Butler-Brown-Chambers phase relation and the Morse lemma, yields
7. Page 402, line 11 ↓: *Give the equation there the number (4.7).*
8. Page 402, line 12 ↓: (4.1)-(4.7) are
9. Page 403, line 16 ↓: We stop in this process locally
10. Page 404, line 8 ↑: punctured
11. Page 404, line 14 ↑: U_{A_0} .
12. Page 408, line 1 ↓: Bellissard
13. Page 408, line 2 ↓: almost Mathieu equation,

Comments:

Further reading:

P. v. Mouche, Sur les Régions Interdites du Spectre de l'Opérateur Périodique et Discret de Mathieu. Thèse, Rijksuniversiteit Utrecht, 1988.

P. v. Mouche, The Coexistence Problem for the Discrete Mathieu Operator. Communications in Mathematical Physics, 122, 23-33, 1989.

J. Avron, P. v. Mouche and B. Simon, On the Measure of the Spectrum for the Almost Mathieu Operator. Communications in Mathematical Physics, 132, 103-118, 1990.

P. v. Mouche, Spectral Asymptotics of Periodic Discrete Schrödinger Operators, I. Asymptotic Analysis 11, 263-187, 1995.

If you think that some other things should be added here, please let me know.