

3rd review of

Subvisible cirrus clouds – a dynamical system approach; revised version

by E.J. Spreitzer et al.

Summary:

As stated in my previous reviews, I appreciate the research presented in the paper. The revised version is improved.

We may continue a lengthy discussion on several passages. However, the authors are ultimately responsible for their paper.

I have few minor points for corrections, listed below, and also I recommend the authors to go through the text again to avoid repetitions.

Apart from that, I recommend publication.

Few specific comments

1. Point 6 from previous review, "normalisation of f_a ", l. 179: You introduce f , which fulfills $\int f dm = N_c$ without further saying. Matters are equally straightforward for f_a , that is $\int f_a dr = N_a$. Why make things more complicated?
2. Previous point 11. The correction factor is not unified everywhere. $corr(T, p)$ occurs in, e.g. (A12), but not in (A13). Eqs.(A13c) contains a c -variable twice, c and $c(T, P)$. Please clarify.
3. l. 147. Something is strange in the typesetting of the limiting values for $f(m)$.
4. l. 415. The previous sentence explains the presence of an externally forced system. The sentence starting with 'Thus' is a repetition of the previous one. When using the word 'dissipative', then please explain why the dissipative nature follows from the previous statement.
See again previous point 14.
5. l. 420. 'contraction or expansion of system solutions' is not a good expression.
6. l. 474, 475. Use '.... state \mathbf{x}_0 is stable.'
7. l. 475, 490. Apart from these two lines (and figure captions) 'source' and 'sink' are used in the sense of (e.g., mass) source and sink of the system. Now you introduce the same words in a different context/meaning; this is confusing. The passages can be skipped without loss of information.
8. l. 510. Avoid 'positive attractor'.