

Accepted Manuscript

Three-dimensional flow of Jeffrey fluid with Cattaneo-Christov heat flux: An application to non-Fourier heat flux theory

Tasawar Hayat, Taseer Muhammad, Meraj Mustafa, Ahmed Alsaedi

PII: S0577-9073(17)30133-8
DOI: [10.1016/j.cjph.2017.03.014](https://doi.org/10.1016/j.cjph.2017.03.014)
Reference: CJPH 212



To appear in: *Chinese Journal of Physics*

Received date: 13 February 2017
Revised date: 20 March 2017
Accepted date: 25 March 2017

Please cite this article as: Tasawar Hayat, Taseer Muhammad, Meraj Mustafa, Ahmed Alsaedi, Three-dimensional flow of Jeffrey fluid with Cattaneo-Christov heat flux: An application to non-Fourier heat flux theory, *Chinese Journal of Physics* (2017), doi: [10.1016/j.cjph.2017.03.014](https://doi.org/10.1016/j.cjph.2017.03.014)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Three-dimensional flow of Jeffrey fluid is addressed.
- Flow is induced by a linear stretching surface.
- Cattaneo-Christov heat flux theory is utilized.
- Series solutions are developed through homotopy analysis method (HAM).

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5488204>

Download Persian Version:

<https://daneshyari.com/article/5488204>

[Daneshyari.com](https://daneshyari.com)