

Bird of Transport

Cite as: Phys. Fluids 31, 020902 (2019); doi: 10.1063/1.5091446

Submitted: 1 February 2019 • Accepted: 3 February 2019 •

Published Online: 22 February 2019



Vivek Sharma^{a)} 

AFFILIATIONS

Department of Chemical Engineering, University of Illinois at Chicago, Chicago, Illinois 60607, USA

^{a)} Author to whom correspondence should be addressed: viveks@uic.edu

<https://doi.org/10.1063/1.5091446>

Fellows, friends, let's announce it to the world: we venerate Bob Bird of Transport.
Cite decades of rigorous derivations to anoint him as the top Bird of Transport.

Wisconsin's whiz kid; master of synonyms, axioms in Japanese, German, Dutch!
How did a linguist, canoeist, soldier become our heartthrob Bird of Transport?

Heraclitus said, πάντα ῥεῖ, everything flows, all is flux, but can anyone know it all?
If all is flux, then an engineer could, asserts the rheology's nabob: Bird of Transport.

Doodling, making mischief using mathematical symbols until insights ignite a page.
A sketchbook artist, who uses 'substantial derivative' as a prop, Bird of Transport?

Regard our book as "a stepping stone to the wealth of knowledge that lies beyond,"
The modest, swashbuckling musketeers: Edwin, Warren, and Bob Bird of Transport!

From the kinetic theory of gases to polymer dynamics, their exploits fill so many books;
Hirschfelder, Curtiss, Hassager, Armstrong, and the leader of the mob: Bird of Transport.

"Engineering depends heavily on heuristics to supplement incomplete knowledge."
Seek to mimic reality, simplify, mate calculus with the abacus, slog: Bird of Transport.

"No music and no oral communication would be possible without compressible flow."
If so, why did you neglect the equation of change for music, Pop, Bird of Transport?

In the Farsi epic—The Conference of the Birds—scores sought the phoenix/Simurg.
Only thirty overcame all obstacles, transformed into the mythical Simurg—Bird of Transport!

After Will outruns the Skill, outwit the intractable by Grit, Litotes, or Asymptotes;
Build like crossword puzzles, & *before a goal's reached, don't stop*: Bird of Transport.

BSL said: "Particularly anxious to introduce the pioneers to whom we owe so much."
Vivek chants: A true scholar is never a snob. Emulate R. Byron (Bob), Bird of Transport.

Kavi **Vivek Sharma**, who learned his non-Newtonian fluid mechanics Bird by Bird,
Composed this Ghazal, in the honor of the 95th of his Great Grand-Pop, Bird of Transport.

See [supplementary material](#) for an audio file with the author's recital of the poem (written in the Ghazal form) and a document with additional notes on some of the phrases quoted/included in the poem, a list of acknowledgments, and a reprint of an essay titled "Anglicized Ghazal: An Eastern Inheritance."