Erratum: “Instabilities in the boundary layer over a permeable, compliant wall” [Phys. Fluids 26, 084103 (2014)]

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(1) Equation (14),

\[ u + \eta U' = 0, \quad v = \sigma \eta - ap, \quad w = 0, \]

should be read as

\[ u + \eta U' = 0, \quad v = \sigma \eta - ap, \quad w + \eta W' = 0. \]

(2) Equation (17),

\[ w = 0, \]

should be read as

\[ \sigma w + W'(v + ap) = 0. \]

(3) Page 5, paragraph:

To place the numerical boundary at \( y = 0 \), we use a first order Taylor expansion in \( \eta \), thus replacing the first condition above with \( u + \eta U' = 0 \), the other two remaining unchanged. The boundary conditions and the plate’s equation can be rendered dimensionless by adopting appropriate scale.

Becomes:

To place the numerical boundary at \( y = 0 \) we use a first order Taylor expansion in \( \eta \), thus replacing the first condition above with \( u + \eta U' = 0 \), and the third one with \( w + \eta W' = 0 \). The boundary conditions and the plate’s equation can be rendered dimensionless by adopting appropriate scale.

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(4) New Figure 7 is:

(a) TS mode; Plain line: \(a = 0, Re = 1520\) and \(\alpha = 0.169\); Dashed line: \(a = 0.1, Re = 450\) and \(\alpha = 0.191\)

(b) CF mode; Plain line: \(a = 0, Re = 242\) and \(\alpha = 0.038\); Dashed line: \(a = 1, Re = 231\) and \(\alpha = 0.058\)

(5) New Figure 12 is:

(a) CF mode at \(Re = 242\) and \(\alpha = 0.04\); Plain line: \(a = 0\); Dashed line: \(a = 1\)

(b) TWF mode at \(Re = 140\) and \(\alpha = 0.25\); Plain line: \(a = 0\); Dashed line: \(a = 1\)