Reduction of Aerodynamic Forcing in Transonic Turbomachinery

Numerical Studies on Forcing Reduction Techniques

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Doctoral Thesis

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ERRATA in Doctoral Thesis

"Reduction of Aerodynamic Forcing in Transonic Turbomachinery"
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Page 1, Chapter 1, Table 1:
"8-12%" is changed to "-8-12%"

Page 9, Chapter 2.2:
"... µ is the moment of inertia per..." is changed to "... µ is the mass per..."

Page 20, Chapter 2.4.2, Equation 2.8:
"$\frac{S}{S_b} = e^{-2\pi j(x - x_b)/t}$" is changed to "$\frac{S}{S_b} = e^{-2\pi j(x - x_b)/t}$"

Page 75, Chapter 6.1.1.3:
"Considering the Campbell diagram, ... mode 28 features a dangerous ...." is changed to
"Considering the simplified Campbell diagram, ... mode 28 features a potentially dangerous ...."

Page 76, Chapter 6.1.1.3:
"Even though it was shown by Mayorca (2008) ..." is changed to
"Conducted tests however did not show any crucial amplitudes. Even though it was also shown numerically by Mayorca (2008) ...

Page 77, Chapter 6.1.1.3:
"In case of the HULDA stator blades, mode 4 has shown to be dangerous especially due to its proximity to the operating speed." is changed to
"Tests have not indicated significant amplitudes for mode 4 of the HULDA stator blades, but it is used as an example due to its proximity to the operating speed."