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Publisher's Note: "Some rotational corrections to the acoustic energy equation in injection-driven enclosures" [Phys. Fluids 17, 074102 (2005)]

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This article was originally published online and in print with typographical errors in Table I; certain diacritical accents, such as the tilde and circumflex, needed to denote either rotational or irrotational components, were missing. AIP apologizes for this error. All online versions of the article have been corrected. The correct table appears below:

TABLE I. Linear growth rate corrections and the critical parameters delineating stability boundaries.

	Improved rotational set in general form	Evaluated growth rates (dimensionless)
	$E_m^2=\frac{1}{2}\iiint[(\hat{p}_m)^2+\hat{\mathbf{u}}_m\cdot\hat{\mathbf{u}}_m+2\hat{\mathbf{u}}_m\cdot\tilde{\mathbf{u}}_m^i+\tilde{\mathbf{u}}_m^r\cdot\tilde{\mathbf{u}}_m^r+\tilde{\mathbf{u}}_m^i\cdot\tilde{\mathbf{u}}_m^i]dV$	
α_1: Pressure coupling	$-E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle\nabla\cdot[\hat{p}\hat{\mathbf{u}}+\frac{1}{2}M_b\mathbf{U}(\hat{p})^2]+M_b[\hat{\mathbf{u}}\cdot\nabla(\mathbf{U}\cdot\hat{\mathbf{u}})]\rangle dV$	$\frac{4}{5}M_b[A_b^{(r)}-\gamma]$
α_2: Dilatational	$E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle\frac{4}{3}\delta^2\hat{\mathbf{u}}\cdot\nabla(\nabla\cdot\hat{\mathbf{u}})\rangle dV$	$-\frac{8}{15}\xi M_b^3\ll O(1)$
α_3: Acoustic mean	$E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle M_b\{\hat{\mathbf{u}}\cdot(\hat{\mathbf{u}}\times\boldsymbol{\Omega})\}\rangle dV$	0
α_4: Flow turning	$E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle M_b\hat{\mathbf{u}}\cdot(\mathbf{U}\times\boldsymbol{\omega})\rangle dV$	$-\frac{4}{5}M_b(1+\pi^{-2}M_b^2\xi^2l^2m^{-2})^{-1}$
α_5: Rotational flow	$-E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle\tilde{\mathbf{u}}\cdot\nabla\hat{p}\rangle dV$	$\frac{4}{5}M_b(1+\pi^{-2}M_b^2\xi^2l^2m^{-2})^{-1}$
α_6: Mean vorticity	$E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle M_b\tilde{\mathbf{u}}\cdot(\mathbf{U}\times\boldsymbol{\omega})\rangle dV$	$\frac{2}{5}M_b$
α_7: Viscosity	$-E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle\delta^2(\hat{\mathbf{u}}+\tilde{\mathbf{u}})\cdot(\nabla\times\boldsymbol{\omega})\rangle dV$	$-\frac{4}{15}M_b\xi[1-\frac{1}{2}\xi+\frac{1}{5}\xi^2-\frac{1}{15}\xi^3+O(\xi^4)]$
α_8: Pseudo acoustic	$E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle-\hat{\mathbf{u}}\cdot\nabla\tilde{p}\rangle dV$	$\frac{2}{5}(M_b^3l^2/m^2)\ll O(1)$
α_9: Pseudo vorticity	$-E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle\tilde{\mathbf{u}}\cdot\nabla\tilde{p}\rangle dV$	$\frac{9}{125}\pi M_b[(\xi^2-\frac{3}{2})\exp(-2\xi)+\frac{3}{2}-3\xi+2\xi^2]\xi^{-4}$
α_{10}: Unsteady nozzle	$-E_m^{-2}\exp(-2\alpha_m t)\iiint_V\langle M_b(\hat{\mathbf{u}}+\tilde{\mathbf{u}})\cdot\nabla(\mathbf{U}\cdot\tilde{\mathbf{u}})\rangle dV$	$-\frac{4}{3}\pi M_b\{[\pi^2+4(\xi+\sqrt{2})^2]^{-1}-\frac{1}{500}\}$
Critical damping parameter	$\xi_r=-3\gamma_b+\sqrt{9\gamma_b^2+12M_b^2}/(4M_b^2)$	
Critical aspect ratio	$l_r=m\pi\delta M_b^{-3/2}/\sqrt{\frac{5}{6}+\frac{\sqrt{35}}{3}\sinh(\frac{1}{3}\sinh^{-1}\{4[\frac{325}{4}+27(-\frac{15}{2}-15\gamma_b)]/(35\sqrt{35})\})}$	
Critical Mach number	$M_{br}=\sqrt{6\{\frac{1}{2}-\gamma_b-[\frac{1}{4}\xi^{-2}(1-2\xi+2\xi^2-e^{-2\xi})]\}}\sqrt{(4\xi-3l^2/m^2)}$	

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