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[5] m. l. munjal, "acoustic characterization of an **transfer matrix method for a single-chamber mufflers** - transfer matrix method for a single-chamber mufflers mihai bugaru*, ovidiu vasile* ... 3 transmission loss by tmm for a single-chamber mufflers considering a muffler as shown in figure 3, the transfer ... mechel, f.p., 2002, formulas of acoustics, springer-verlag, berlin, 1175 p. ... **calculation of the reflected field from an impedance plane** - calculation of the reflected field from an impedance plane grigory romanenko, michael vorländer ... time is expended for calculation of the reflected field closed to a surface fig. 2(b). ... f.p. mechel, formulas of acoustics, springer 2002, pp 74-128 [5] f.p. mechel, schallabsorber, vol i, chapter 13, kugelwellen über ... **acoustics of wood** - mechel, f. p., formulas of acoustics, springer, 2002, isbn 354042548 nondestructive evaluation and flaw criticality for composite materials. philadelphia: american society for testing and materials, 1979. nondestructive evaluation of wood. madison: forest products society, 2002. **acoustics of wood - ldfndelu** - acoustics of wood week no. 1 introduction to the course. contents of acoustics and acoustics of wood. theory background of acoustics. week no. 2 wave propagation in the wood. dynamical and acoustical properties of different wood species. ... mechel, f. p., formulas of acoustics, springer, 2002, 1175 s., isbn 354042548 **modelling parallel assemblies of porous materials using ...** - 4f. p. mechel, formulas of acoustics, 2nd ed. (springer, berlin, 2008), pp. 64-70. 5r. pieren and k. heutschi, "predicting sound absorption coefficients of lightweight multilayer curtains. modelling parallel assemblies of porous materials using the equivalent circuit method ... **Cairns • australia 9-12 july, 2007 - acoustics** - cairns • australia 9-12 july, 2007 transfer matrix method for dual-chamber mufflers mihai bugaru1, ovidiu vasile1 1department of mechanics, university of bucharest bucharest, romania bugarum@yahoo ... f.p. mechel, formulas of acoustics, springer-verlag, berlin, 1175 p, 2002. **Cairns • australia 9-12 july, 2007 - acoustics** - cairns • australia 9-12 july, 2007 modeling of the sound transmission loss of leaks and openings ... f p xy xyds jk z ... transmission loss of a slit shaped aperture calculated using mechel's analytical model [5] and the present approach is also plotted. note that for the analytical model the slit is assumed of

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