

**Draft 09/01/2009**

(Questions? Concerns? Contact Gail McMillan, Director of the Digital Library and Archives at Virginia Tech's University Libraries: [gailmac@vt.edu](mailto:gailmac@vt.edu))

(Please ensure that Javascript is enabled on your browser before using this tool.)

## Virginia Tech ETD Fair Use Analysis Results

*This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.*

Name: Chaitanya V. Halbe

Description of item under review for fair use: Figure 2.2, Droplet impact regimes, Source: Bai, C., & Gosman, A. D. (1995). Development of methodology for spray impingement simulation (No. 950283). SAE Technical Paper.

Report generated on: 10-06-2016 at : 15:03:49

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

#### Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

#### Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

**Based on the information you provided, your use of the copyrighted work weighs: *in favor of fair use***



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Description of item under review for fair use: Figure 3.2: Comparison of flow streamlines at (a) 100 mm downstream of the nozzles (b) 220 mm downstream of the nozzles, Source: Bai, B., Sun, H., Zhang, H. and Liu, L., 2011. Numerical study on turbulent mixing of spray droplets in crossflow. Journal of Propulsion and Power, 27(1), pp.132-143

Report generated on: 10-04-2016 at : 01:13:40

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

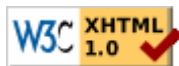
#### Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

#### Factor 4

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Name: Chaitanya V. Halbe

Description of item under review for fair use: Figure 3.3: Comparison of vorticity along the duct, Source: Bai, B., Sun, H., Zhang, H. and Liu, L., 2011. Numerical study on turbulent mixing of spray droplets in crossflow. Journal of Propulsion and Power, 27(1), pp.132-143

Report generated on: 10-04-2016 at : 01:15:54

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

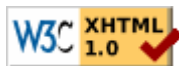
#### Factor 3

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Name: Chaitanya V. Halbe

Description of item under review for fair use: Figure 3.5: Comparison of calculated temperature drop, Source: Sun, H., Bai, B. and Zhang, H., 2014. Comparative investigation on droplet evaporation models for modeling spray in cross-flow. Heat Transfer Engineering, 35(6-8), pp.664-673.

Report generated on: 10-06-2016 at : 15:13:27

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

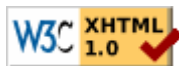
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Name: Chaitanya V. Halbe

Description of item under review for fair use: Figure 3.8: Comparison of droplet size distributions, Source: Bai, C.X., Rusche, H. and Gosman, A.D., 2002. Modeling of gasoline spray impingement. Atomization and Sprays, 12(13).

Report generated on: 10-06-2016 at : 14:59:38

### Based on the information you provided:

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