

## V'yacheslav Akkerman's Book Chapters and Invited Refereed Contributions

1. V. Bychkov, A. Petchenko, V. **Akkerman**, *The Role of Bubble Motion for Turbulent Burning in Taylor-Couette Flow*, pp. 187–207 in “Focus on Combustion Research”, Sung Z. Jiang (ed.), Nova Science Publishers, Hauppauge, New York, 2006.  
[http://books.google.com/books?id=eRmZC3dmwPwC&printsec=frontcover&dq=Focus+on+Combustion+Research&source=bl&ots=dfidwRtW0E&sig=VrYbHzBswQXrFRxwRtTJHVRAm4&hl=en&ei=9cNiTeHwF8-p8Aam5pG9DA&sa=X&oi=book\\_result&ct=result&resnum=1&ved=0CBMQ6AEwAA#v=onepage&q&f=false](http://books.google.com/books?id=eRmZC3dmwPwC&printsec=frontcover&dq=Focus+on+Combustion+Research&source=bl&ots=dfidwRtW0E&sig=VrYbHzBswQXrFRxwRtTJHVRAm4&hl=en&ei=9cNiTeHwF8-p8Aam5pG9DA&sa=X&oi=book_result&ct=result&resnum=1&ved=0CBMQ6AEwAA#v=onepage&q&f=false)
2. V. **Akkerman**, H. Pitsch, *Effect of Scale-Dependent Corrections to Flow Intensity on Turbulent Burning Rate*, Annual Research Briefs 2007, pp. 207–218, Center for Turbulence Research at Stanford University / NASA Ames Research Center, 2007.  
[http://ctr.stanford.edu/ResBriefs07/18\\_akkerman\\_pp207\\_218.pdf](http://ctr.stanford.edu/ResBriefs07/18_akkerman_pp207_218.pdf)
3. M.L. Zaytsev, V.B. **Akkerman**, *Nonlinear Description of Reaction Front Propagation*, Trudy MFTI **2** (2), 92–100 (2010) /In Russian/.
4. D. Valiev, V. Bychkov, V. **Akkerman**, L.-E. Eriksson, *Slowdown of Flame Acceleration because of Gas Compression*, in “Explosion Dynamics and Hazards”, S. Frolov, F. Zhang, P. Wolanski (eds.), Torus Press, Moscow, 2010.
5. M. Zaytsev, V. Akkerman, *Ipotesi sulla semplificazione dei sistemi sovradeterminati di equazioni differenziali*, Italian Science Review **10** (19), 113–124 (2014). /In Italian/.  
<http://www.ias-journal.org/archive/2014/october/Zaytsev.pdf>