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Ustanova zaposlenja: Datum zaposlenja:	Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije 1.09.1990.
Znanstveno-nastavno/nastavno zvanje: Datum zadnjeg izbora: Grana, područje izbora:	Redoviti profesor u trajnom izboru 13.07.2016. područje Tehničke znanosti, polje Temeljne tehničke znanosti
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Poznavanje stranih jezika	engleski jezik
Životopis	<ul style="list-style-type: none"> <li>- <b>rođenje, državljanstvo:</b> 13.01.1962., Hrvatsko</li> <li>- <b>fakultet:</b> Građevinski fakultet u Splitu, 1989.</li> <li>- <b>magisterij:</b> Građevinski fakultet u Splitu, 1993.</li> <li>- <b>doktorat:</b> Građevinski fakultet u Splitu, 1999.</li> <li>- <b>dodatno obrazovanje:</b></li> <li>- <b>podaci o prethodnim zaposlenjima:</b> Od 1990. do 2002. zaposlena na Građevinskom fakultetu Sveučilišta u Splitu, od 2002. do 2009. na Građevinskom fakultetu Sveučilišta u Rijeci, od 2009. do danas na Fakultetu građevinarstva, arhitekture i geodezije u Splitu.</li> </ul>
Popis radova objavljenih u znanstveno-istraživačkim časopisima	<ol style="list-style-type: none"> <li>1. B. Gotovac, V. Kozulić: Numerical solving of initial-value problems by <math>R_{bf}</math> basis functions, Int. J. Structural Engineering and Mechanics, Vol. 14, No. 3, pp. 263-285, 2002.</li> <li>2. H. Gotovac, R. Andričević, B. Gotovac, V. Kozulić, M. Vranješ: An improved collocation method for solving the Henry problem, Journal of Contaminant Hydrology, <b>64</b> (2003), 1-2, pp. 129-149, 2003.</li> <li>3. V. Kozulić, H. Gotovac, B. Gotovac: An Adaptive Multi-resolution Method for Solving PDE's, CMC: Computers, Materials &amp; Continua, <b>6</b> (2007), 2, pp. 51-70, 2007.</li> <li>4. B. Gotovac, R. Sesartić, V. Kozulić: Točna numerička formulacija zakrivljenog grednog elementa, Građevinar, <b>61</b> (2009) 12, pp. 1129-1141, 2009.</li> <li>5. H. Gotovac, V. Kozulić, B. Gotovac: Space-Time Adaptive Fup Multi-Resolution Approach for Boundary-Initial Value Problems, CMC: Computers, Materials &amp; Continua, <b>15</b> (2010), 3, pp. 173-198, 2010.</li> <li>6. V. Kozulić, B. Gotovac: Elasto-Plastic Analysis of Structural Problems Using Atomic Basis Functions, CMES: Computer Modeling in Engineering &amp; Sciences, <b>80</b> (2011), 4, pp. 251-274, 2011.</li> <li>7. N. Brajčić Kurbaša, B. Gotovac, V. Kozulić: Atomic Exponential Basis Function <math>Eup(x,\omega)</math> - Development and Application, CMES: Computer Modeling in Engineering &amp; Sciences, <b>111</b> (2016), 6, pp. 493-530, 2016.</li> <li>8. V. Kozulić, B. Gotovac: Application of the Solution Structure Method in Numerically Solving Poisson's Equation on the Basis of Atomic Functions, International Journal of Computational Methods, <b>15</b> (2018), 5; 1850033, 25 doi:10.1142/S0219876218500330</li> <li>9. G. Kamber, H. Gotovac, V. Kozulić, L. Malenica, B. Gotovac: Adaptive numerical modeling using the hierarchical Fup basis functions and control volume isogeometric analysis, International Journal for Numerical Methods in Fluids, <b>92</b>(10), pp. 1437-1461, 2020.</li> <li>10. N. Brajčić Kurbaša, B. Gotovac, V. Kozulić, H. Gotovac: Numerical Algorithms for Estimating Probability Density Function Based on the Maximum Entropy Principle and Fup Basis Functions. Entropy <b>2021</b>, 23, 1559. <a href="https://doi.org/10.3390/e23121559">https://doi.org/10.3390/e23121559</a></li> <li>11. G. Kamber, H. Gotovac, V. Kozulić, and B. Gotovac, "2-D local hp adaptive isogeometric analysis based on hierarchical Fup basis functions," Computer Methods in Applied Mechanics</li> </ol>

	and Engineering, vol. 398, p. 115272, 2022. ; <a href="https://doi.org/10.1016/j.cma.2022.115272">https://doi.org/10.1016/j.cma.2022.115272</a> 12. Nives Brajčić Kurbaša, Blaž Gotovac, Vedrana Kozulić. The Class of Atomic Exponential Basis Functions $EFup_n(x,\omega)$ -Development and Application. Computer Modeling in Engineering & Sciences <b>2023</b> , 135(1), 65-90. <a href="https://doi.org/10.32604/cmcs.2022.021940">https://doi.org/10.32604/cmcs.2022.021940</a>
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<b>Popis radova koji nastavnika kvalificiraju za izvođenje nastave</b>	<ol style="list-style-type: none"> <li>1. B. Gotovac, V. Kozulić: Numerical solving of initial-value problems by <math>R_{bf}</math> basis functions, Int. J. Structural Engineering and Mechanics, Vol. 14, No. 3, pp. 263-285, 2002.</li> <li>2. B. Gotovac, V. Kozulić: On a selection of basis functions in numerical analyses of engineering problems, International Journal for Engineering Modelling, Vol. 12, No. 1-4, pp. 25-41, 1999.</li> <li>3. V. Kozulić, B. Gotovac: Numerical analyses of 2D problems using <math>Fup_n(x,y)</math> basis functions, International Journal for Engineering Modelling, Vol. 13, No. 1-2, pp. 7-18, 2000.</li> <li>4. H. Gotovac, R. Andričević, B. Gotovac, V. Kozulić, M. Vranješ: An improved collocation method for solving the Henry problem, Journal of Contaminant Hydrology, <b>64</b> (2003), 1-2, pp. 129-149, 2003.</li> <li>5. V. Kozulić, H. Gotovac, B. Gotovac: An Adaptive Multi-resolution Method for Solving PDE's, CMC: Computers, Materials &amp; Continua, <b>6</b> (2007), 2, pp. 51-70, 2007.</li> <li>6. V. Kozulić, B. Gotovac: Computational Modeling of Structural Problems using Atomic Basis Functions, Advanced Structured Materials, Vol. 70: Mechanical and Materials Engineering of Modern Structure and Component Design / Öchsner, A.; Altenbach, H. (Eds.), Springer, Chapter 17, pp. 207-230, 2015.</li> <li>7. H. Gotovac, V. Kozulić, B. Gotovac: Space-Time Adaptive Fup Multi-Resolution Approach for Boundary-Initial Value Problems, CMC: Computers, Materials &amp; Continua, <b>15</b> (2010), 3, pp. 173-198, 2010.</li> <li>8. V. Kozulić, B. Gotovac: Elasto-Plastic Analysis of Structural Problems Using Atomic Basis Functions, CMES: Computer Modeling in Engineering &amp; Sciences, <b>80</b> (2011), 4, pp. 251-274, 2011.</li> <li>9. V. Kozulić, B. Gotovac: Application of the Solution Structure Method in Numerically Solving Poisson's Equation on the Basis of Atomic Functions, International Journal of Computational Methods, <b>15</b> (2018), 5; 1850033, 25 doi:10.1142/S0219876218500330</li> <li>10. G. Kamber, H. Gotovac, V. Kozulić, L. Malenica, B. Gotovac: Adaptive numerical modeling using the hierarchical Fup basis functions and control volume isogeometric analysis, International Journal for Numerical Methods in Fluids, <b>92</b>(10), pp. 1437-1461, 2020.</li> <li>11. G. Kamber, H. Gotovac, V. Kozulić, and B. Gotovac, "2-D local hp adaptive isogeometric analysis based on hierarchical Fup basis functions," Computer Methods in Applied Mechanics and Engineering, vol. 398, p. 115272, 2022. ; <a href="https://doi.org/10.1016/j.cma.2022.115272">doi.org/10.1016/j.cma.2022.115272</a></li> <li>12. Vedrana Kozulić, Blaž Gotovac, Nives Brajčić Kurbaša. "A new approach to solving boundary value problems in arbitrarily bounded domains". Proceedings of the 10th ICCSM International Congress of Croatian Society of Mechanics, Pula, 2022.; ISSN 2584-7716.</li> </ol>
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<b>Popis znanstveno-istraživačkih projekata u svojstvu voditelja</b>	Istraživački projekt: "Adaptivno bezmrežno modeliranje u projektiranju građevinskih konstrukcija", projekt Ministarstva znanosti, obrazovanja i športa RH (083-0831541-1534), 2007.-2013.
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<b>Popis znanstveno-istraživačkih projekata u svojstvu suradnika</b>	<ol style="list-style-type: none"> <li>1. Nelinearno numeričko modeliranje građevinskih konstrukcija, projekt Ministarstva znanosti i tehnologije RH (2-11-054), 1991.-1996.</li> <li>2. Numeričko modeliranje inženjerskih konstrukcija, projekt Ministarstva znanosti i tehnologije RH (083133), 1997.-2000.</li> <li>3. Numeričko modeliranje prostornih inženjerskih konstrukcija, projekt Ministarstva znanosti i tehnologije RH (083132), 2000.-2002.</li> </ol>
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	<p>4. Suvremeno numeričko modeliranje tunela i podzemnih građevina, projekt Ministarstva znanosti i tehnologije RH (083041), 2002-2005.</p> <p>5. Numeričko modeliranje kvazi-krutih materijala, projekt Ministarstva znanosti i tehnologije RH (0114002), 2002.-2005.</p> <p>6. Modeliranje toka podzemnih voda u krškim vodonosnicima, (HRZZ-UIP-2013-11-8103), 2014. – 2018.</p> <p>7. Preventing, Managing and Overcoming Natural-Hazards Risks to mitigate economic and social impact (PMO-GATE), Programme 2014 - 2020 INTERREG V-A Italy – Croatia, 2019.-2022.</p> <p>8. Multifizikalno modeliranje podzemnih i površinskih voda, IP-2020-02-2298 HRZZ, 2020.-2025.</p>
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<b>Broj mentorstava na doktorskim radovima</b>	3
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<b>Broj članstava u komisijama za ocjenu i obranu doktorskih radova</b>	8
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