

# A Complete Bibliography of Publications in *Archive of Numerical Software*

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## Title word cross-reference

	<b>Deal.II</b> [HRC14, Sal13, Wic13, BHH <sup>+</sup> 16].
	<b>Dealii</b> [BHH <sup>+</sup> 15]. <b>DG</b> [DGKM17].
	<b>Differential</b> [GWW17]. <b>Discontinuous</b>
	[GKM17, Kan17]. <b>Distributed</b> [BBD <sup>+</sup> 16].
	<b>DOpElib</b> [GWW17]. <b>DPG</b> [GKM17].
	<b>Dune</b>
	[SBF17, ADKN16, AL17, DGKM17, GKM17,
	MSL17, KK17, SKSF17, EGMS17, Kan17].
	<b>DUNE-ACFem</b> [AL17]. <b>DUNE-DPG</b>
	[GKM17]. <b>Dune-Fem</b> [Kan17].
	<b>DUNE-FEM-DG</b> [DGKM17].
	<b>dune-functions</b> [EGMS17]. <b>dune-xt</b>
	[MSL17].
	<b>Editorial</b> [SBF17]. <b>Electrowetting</b> [Sal13].
	<b>Element</b> [CW16, HRC14, DR17]. <b>elements</b>
	[GKM17]. <b>Environment</b>
	[BBD <sup>+</sup> 16, GWW17]. <b>environments</b> [DR17].
<b>1.5</b> [ABH <sup>+</sup> 15].	
<b>2.4</b> [BBD <sup>+</sup> 16].	
<b>3rd</b> [SBF17].	
<b>ACFem</b> [AL17]. <b>Adaptive</b> [Kan17].	
<b>ALUGrid</b> [ADKN16]. <b>Application</b> [Sal13].	
<b>Arbitrary</b> [Wic13]. <b>Asynchronous</b> [DR17].	
<b>based</b> [Lub17]. <b>boundary</b> [DR17].	
<b>Bounded</b> [AL17].	
<b>Coordinates</b> [Wic13]. <b>Coupled</b>	
[HRC14, Sal13, DR17].	

**Equations** [GWW17]. **Eulerian** [Wic13]. **evaluation** [DR17]. **example** [KK17]. **eXtended** [CW16]. **Extending** [MSL17].

**FEM** [DGKM17, Kan17]. **FEniCS** [ABH<sup>+</sup>15]. **Finite** [CW16, HRC14, DR17, GKM17]. **Flow** [Sal13, Kan17]. **Fluid** [HRC14, Wic13]. **Fluid-Structure** [Wic13]. **FoamGrid** [SKSF17]. **Framework** [Sal13]. **frameworks** [KK17]. **Fully** [HRC14]. **Functions** [AL17, EGMS17, EGMS17]. **FunG** [Lub17].

**Galerkin** [GKM17, Kan17]. **Goal** [GWW17]. **grids** [SKSF17].

**heterogeneous** [Kan17]. **higher** [Kan17].

**Immersed** [HRC14]. **Implementation** [Sal13, CW16, SKSF17]. **Interaction** [HRC14, Wic13]. **interface** [CW16, EGMS17]. **Invariant** [Lub17]. **Invariant-based** [Lub17].

**Lagrangian** [Wic13]. **Library** [BHH<sup>+</sup>15, GWW17, HRC14, Sal13, Wic13, BHH<sup>+</sup>16, GKM17].

**media** [Kan17]. **Meeting** [SBF17]. **Method** [CW16, HRC14]. **methods** [Kan17].

**Minimization** [AL17]. **modeling** [Lub17]. **Module** [ADKN16, DGKM17, EGMS17]. **modules** [MSL17]. **Monolithic** [Wic13]. **Multiphase** [Sal13]. **multiphysics** [DR17].

**network** [SKSF17]. **Non** [AL17]. **Non-smooth** [AL17]. **numerical** [KK17]. **Numerics** [BBD<sup>+</sup>16].

**Optimization** [GWW17]. **order** [Kan17]. **Oriented** [GWW17].

**parallel** [DR17]. **PDEs** [GKM17, GWW17].

**Petrov** [GKM17]. **phase** [Kan17]. **porous** [Kan17]. **Problems** [GWW17, Sal13, Wic13, CW16, DR17]. **Proceedings** [SBF17]. **Project** [ABH<sup>+</sup>15].

**schemes** [DR17]. **scientific** [KK17]. **simulation** [DR17]. **smooth** [AL17]. **Software** [GWW17, KK17]. **Solving** [GWW17, Wic13, GKM17]. **strongly** [Kan17]. **Structure** [HRC14, Wic13]. **surface** [SKSF17]. **System** [KK17].

**testing** [KK17]. **two** [Kan17]. **two-phase** [Kan17].

**Unified** [BBD<sup>+</sup>16]. **User** [SBF17]. **Using** [AL17, Kan17, Sal13, KK17].

**Variation** [AL17]. **Version** [ABH<sup>+</sup>15, BHH<sup>+</sup>15, BHH<sup>+</sup>16, BBD<sup>+</sup>16]. **via** [HRC14].

**within** [DR17].

**XFEM** [CW16]. **xt** [MSL17].

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Alns:2015:FPV

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**Alkmper:2016:DAM**

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**Alkmper:2017:UDA**

- [AL17] Martin Alkämper and Andreas Langer. Using DUNE-ACFem for non-smooth minimization of bounded variation functions. *Archive of Numerical Software*, 5(1):3–19, 2017. CODEN ???? ISSN 2197-8263. URL <https://journals.ub.uni-heidelberg.de/index.php/ans/article/view/27475>.

**Blatt:2016:DUN**

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