

# Scientific usage of the PENCIL CODE

Search results using <http://adslabs.org> and  
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<http://pencil-code.nordita.org/highlights/>

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A search using <http://adslabs.org> or Bumblebee <https://ui.adsabs.harvard.edu/> lists the papers in which the PENCIL CODE is being quoted. In the following we present the papers that are making use of the code either for their own scientific work of those authors, or for code comparison purposes. We include conference proceedings, which make up 15–20% of all papers. We classify the references by year and by topic, although the topics are often overlapping. The primary application of the PENCIL CODE lies in astrophysics, in which case we classify mostly by the field of research.

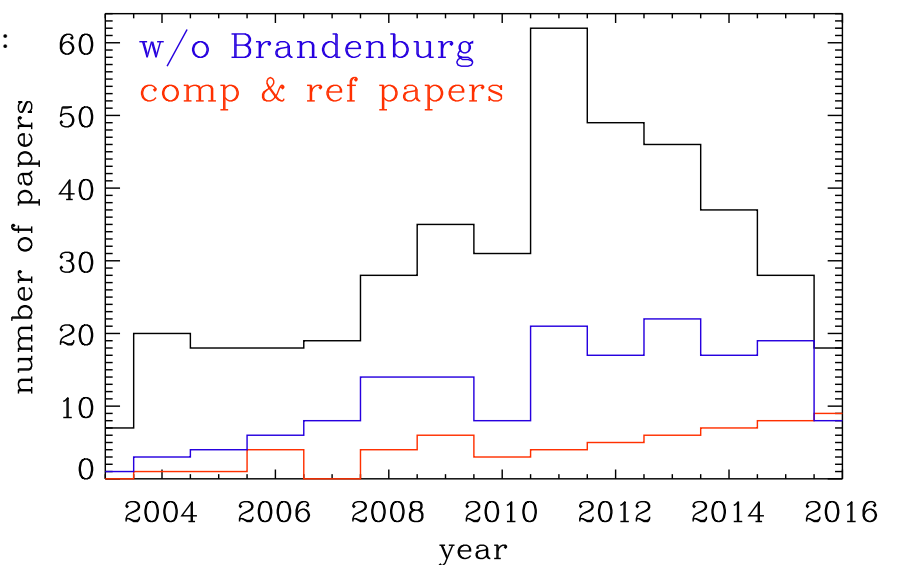


Figure 1: Number of papers since 2003 that make use of the PENCIL CODE. In red is shown the number of papers that reference it for code comparison or other purposes and in blue the papers that are not co-authored by Brandenburg. The enhanced number of papers during 2011–2013 results from publications related to his ERC Advanced Grant.

## 1 Papers by year

*As of May 2016, the PENCIL CODE has been used for a total of 416 research papers; see Figure 1. In addition, 58 papers reference it for code comparison or other purposes (see the red line).*

18 times in 2016 (Bhat et al., 2016; Osano and Adams, 2016; Yang and Johansen, 2016; Cole et al., 2016; Warnecke et al., 2016a,b; Li et al., 2016; Mitra et al., 2016; Lambrechts et al., 2016; Bourdin et al., 2016; Threlfall et al., 2016; Bhat and Brandenburg, 2016; Tian and Chen, 2016; Cameron et al., 2016; Rodrigues et al., 2016; Lyra et al., 2016; Karak and Brandenburg, 2016; Yokoi and Brandenburg, 2016),

28 times in 2015 (Bhat et al., 2015; Singh and Jingade, 2015; Jabbari et al., 2015; Jabbari, 2015; Chen et al., 2015; Johansen et al., 2015; Richert et al., 2015a; Park and Park, 2015; Park, 2015; Kahniashvili et al., 2015; Aiyer et al., 2015; Smiet et al., 2015; Carrera et al., 2015; Gibbons et al., 2015; Baehr and Klahr, 2015; Snellman et al., 2015; Richert et al., 2015b; Babkovskaia et al., 2015; Raettig et al., 2015; Andrievsky et al., 2015; Carrera et al., 2015; Chaudhuri, 2015; Singh et al., 2015; Lyra et al., 2015; Karak et al., 2015a,b; Brandenburg and Hubbard, 2015; Brandenburg et al., 2015),

37 times in 2014 (Carrera et al., 2014; Yang and Johansen, 2014a; Bourdin, 2014; Adams and Osano, 2014; Gent, 2014; Yang and Johansen, 2014b; Subramanian and Brandenburg, 2014; Singh et al., 2014; Jabbari and Brandenburg, 2014; Jabbari et al., 2014; Karak et al., 2014; Warnecke et al., 2014; McNally et al., 2014; Brandenburg et al., 2014; Gibbons et al., 2014; Pan and Padoan, 2014; Pan et al., 2014a,b; Lyra, 2014; Bhat et al., 2014; Losada et al., 2014; Rheinhardt et al., 2014; Mitra et al., 2014; Turner et al., 2014; Dittrich et al., 2014; Brandenburg and Stepanov, 2014; Chian et al., 2014; Brandenburg, 2014; Park, 2014b,a; K  p  l   et al., 2014; Modestov et al., 2014; Cole et al., 2014; R  diger and Brandenburg, 2014; Warnecke and Brandenburg, 2014; Barekat and Brandenburg, 2014; V  is  l   et al., 2014),

46 times in 2013 (Lyra and Kuchner, 2013; Bourdin et al., 2013a,c,b; F  lix et al., 2013; Hubbard, 2013; Park et al., 2013; Park, 2013a,b; Getling, 2013; Devlen et al., 2013; Gent et al., 2013a,b; Brandenburg and Lazarian, 2013; Pan and Padoan, 2013; Mitra et al., 2013; van Wettum et al., 2013; Candelaresi and Brandenburg, 2013a,b; Kahniashvili et al., 2013; Lyra, 2013; Bhat and Subramanian, 2013; Raettig et al., 2013; Del Sordo et al., 2013; Chamandy et al., 2013; Di Bernardo and Torkelsson, 2013; Jabbari et al., 2013; Dittrich et al., 2013; Bingert and Peter, 2013; Brandenburg and R  dler, 2013; Bykov et al., 2013; Brandenburg, 2013; Warnecke et al., 2013a,b,c; Rempel et al., 2013; Mantere et al., 2013; Kemel et al., 2013a,b; Losada et al., 2013; K  p  l   et al., 2013a,b,c; Svedin et al., 2013; Brandenburg et al., 2013a,b),

49 times in 2012 (F  lix et al., 2012; Losada et al., 2012; Peter and Bingert, 2012; Lambrechts and Johansen, 2012; Kahniashvili et al., 2012; Tevzadze et al., 2012; Gibbons et al., 2012; Latter and Papaloizou, 2012; Hubbard, 2012; Gaburov et al., 2012; Yang and Krumholz, 2012; Lyra and Mac Low, 2012; McNally et al., 2012a,b; Bonanno et al., 2012; Haugen et al., 2012; Park and Blackman, 2012a,b; Mantere and Cole, 2012; Rogachevskii et al., 2012; K  p  l   et al., 2012a,b; Maron et al., 2012; Horn et al., 2012; Lyra and Kuchner, 2012; Yang et al., 2012; Kitchatinov and Brandenburg, 2012; Brandenburg and Petrosyan, 2012; Hubbard and Brandenburg, 2012; Guerrero et al., 2012; Rice et al., 2012; Kemel et al., 2012a,b; Rheinhardt and Brandenburg, 2012; Peter et al., 2012; Brandenburg and Guerrero, 2012; Brandenburg et al., 2012a,b,c,d; Rempel et al., 2012; Del Sordo et al., 2012; Candelaresi and Brandenburg, 2012; Snellman et al., 2012a,b; Warnecke et al., 2012a,b,c; Johansen et al., 2012),

62 times in 2011 (Gastine and Dintrans, 2011a,b,c; Rice et al., 2011; K  p  l   et al., 2011a,b,c; Mantere et al., 2011; Rogachevskii et al., 2011; Lambrechts, 2011; Johansen et al., 2011a,b;

Rädler et al., 2011; Tarjei Jensen et al., 2011; Oishi and Mac Low, 2011; Ruoskanen et al., 2011; Fromang et al., 2011; Hydle Rivedal et al., 2011; Guerrero and Käpylä, 2011; Warnecke and Brandenburg, 2011b; Warnecke et al., 2011a,b; Kemel et al., 2011a,b,c; Bejarano et al., 2011; Zacharias et al., 2011a,b; Candelaresi and Brandenburg, 2011a,b; Candelaresi et al., 2011a,b,c; Del Sordo and Brandenburg, 2011a,b; Cantiello et al., 2011a,b; Rempel et al., 2011; Flock et al., 2011; Bingert and Peter, 2011; Käpylä and Korpi, 2011; Johansen et al., 2011c; Rüdiger et al., 2011; Lyra and Klahr, 2011; Mitra et al., 2011; Babkovskaia et al., 2011; Hubbard and Brandenburg, 2011; Chatterjee et al., 2011a,b,c; Chatterjee, 2011; Hubbard et al., 2011; Guerrero et al., 2011; Brandenburg and Nordlund, 2011; Warnecke and Brandenburg, 2011a; Brandenburg et al., 2011a,b,c; Brandenburg, 2011a,b,c,d),

31 times in 2010 (Haugen et al., 2010; Madarassy and Brandenburg, 2010; Gastine and Dintrans, 2010; Kahniashvili et al., 2010; Lyra et al., 2010; Johansen and Lacerda, 2010; Del Sordo et al., 2010; Fromang et al., 2010; Mitra et al., 2010a,b,c; Korpi et al., 2010; Käpylä et al., 2010a,b,c,d; Baggaley et al., 2010; Brandenburg and Dobler, 2010; Guerrero et al., 2010; Chatterjee et al., 2010; Rädler and Brandenburg, 2010; Bingert et al., 2010; Warnecke and Brandenburg, 2010; Hubbard and Brandenburg, 2010; Rheinhardt and Brandenburg, 2010; Brandenburg and Del Sordo, 2010; Brandenburg et al., 2010a,b; Brandenburg, 2010a,b),

35 times in 2009 (Yang et al., 2009; Baggaley et al., 2009; Rempel et al., 2009; Oishi and Mac Low, 2009; Snellman et al., 2009; Børve et al., 2009; Vermersch and Brandenburg, 2009; Heinemann and Papaloizou, 2009; Käpylä and Brandenburg, 2009; Johansen et al., 2009a,b; Maron and Mac Low, 2009; Zacharias et al., 2009a,b; Fromang et al., 2009; Mitra et al., 2009a,b; Käpylä et al., 2009a,b,c; Liljeström et al., 2009; Lyra et al., 2009a,b; Hubbard and Brandenburg, 2009; Sur and Brandenburg, 2009; Hubbard et al., 2009; Rädler and Brandenburg, 2009; Brandenburg et al., 2009a,b; Brandenburg, 2009a,b,c,d,e,f),

28 times in 2008 (Lyra et al., 2008a,b; Gastine and Dintrans, 2008a,b,c; Johansen and Levin, 2008; Workman and Armitage, 2008; Käpylä and Brandenburg, 2008; Klahr, 2008; Rieutord, 2008; Johansen et al., 2008; Yousef et al., 2008; Babkovskaia et al., 2008; Scharmer et al., 2008; Maron et al., 2008; Ruszkowski et al., 2008; Gellert et al., 2008; Rädler and Brandenburg, 2008; Tilgner and Brandenburg, 2008; Sur et al., 2008; Käpylä et al., 2008; Youdin and Johansen, 2008; Green et al., 2008; Brandenburg et al., 2008a,b,c; Brandenburg, 2008a,b),

19 times in 2007 (Käpylä and Brandenburg, 2007; Fromang et al., 2007; Fromang and Papaloizou, 2007; Oishi et al., 2007; Heinemann et al., 2007; Brandenburg and Käpylä, 2007; Schekochihin et al., 2007; Gustafsson et al., 2007; Ruszkowski et al., 2007; Johansen and Youdin, 2007; Youdin and Johansen, 2007; Johansen et al., 2007a,b; Sur et al., 2007; Brandenburg and Subramanian, 2007; Brandenburg et al., 2007a,b; Brandenburg, 2007a,b),

18 times in 2006 (Ouyed et al., 2006; Hupfer et al., 2006; Fromang et al., 2006; de Val-Borro et al., 2006; Haugen and Brandenburg, 2006; Johansen et al., 2006a,b,c; Shukurov et al., 2006; Mee and Brandenburg, 2006; Snodin et al., 2006; Brandenburg and Dintrans, 2006; Gustafsson et al., 2006; Heinemann et al., 2006; Dobler et al., 2006; Brandenburg, 2006a,b,c),

18 times in 2005 (Johansen and Klahr, 2005; McMillan and Sarson, 2005; Schekochihin et al., 2005; Dorch, 2005; Johansen et al., 2005; Christensson et al., 2005; Brandenburg and Rüdiger, 2005; Brandenburg and Blackman, 2005; Brandenburg and Käpylä, 2005; Brandenburg and Subramanian, 2005a,b,c; Brandenburg et al., 2005a,b; Brandenburg, 2005a; Brandenburg et al., 2005c; Brandenburg, 2005b,c,d),

20 times in 2004 (Nordlund, 2004; Brandenburg and Sandin, 2004; Brandenburg and Multamäki, 2004; Dorch, 2004a,b; Haugen and Brandenburg, 2004a,b; Haugen et al., 2004a,b,c; Yousef et al., 2004; Johansen et al., 2004; Maron et al., 2004; Pearson et al., 2004; Brandenburg and Matthaeus, 2004; Dobler and Getling, 2004; Brandenburg et al., 2004a,b,c),

and 7 times in 2003 (Yousef et al., 2003; Yousef and Brandenburg, 2003; McMillan and Sarson, 2003; Haugen et al., 2003; Brandenburg, 2003; Brandenburg et al., 2003; Dobler et al., 2003).

## 2 Papers by topic

The PENCIL CODE has been used for the following research topics

### 1. Interstellar and intercluster medium as well as early Universe

- (a) *Interstellar and intercluster medium* (Rodrigues et al., 2016; Gent, 2014; Chamandy et al., 2013; Gent et al., 2013a,b; Bykov et al., 2013; Yang and Krumholz, 2012; Mantere and Cole, 2012; Rogachevskii et al., 2012; Ruoskanen et al., 2011; Ruszkowski et al., 2007, 2008; Brandenburg et al., 2007b; Gustafsson et al., 2006, 2007; Brandenburg et al., 2005a; Haugen et al., 2004b; Brandenburg et al., 2003).
- (b) *Small-scale dynamos and reconnection* (Bhat et al., 2015; Bhat and Subramanian, 2013; Brandenburg, 2011c; Baggaley et al., 2009, 2010; Schekochihin et al., 2005, 2007; Haugen and Brandenburg, 2004b; Haugen et al., 2003, 2004a,c; Dobler et al., 2003).
- (c) *Primordial magnetic fields and decaying turbulence* (Osano and Adams, 2016; Kahniashvili et al., 2015; Brandenburg et al., 2015; Adams and Osano, 2014; Kahniashvili et al., 2012, 2013; Tevzadze et al., 2012; Candelaresi and Brandenburg, 2011a; Kahniashvili et al., 2010; Del Sordo et al., 2010; Christensson et al., 2005; Yousef et al., 2004).

### 2. Planet formation and inertial particles

- (a) *Planet formation* (Lyra et al., 2016; Yang and Johansen, 2016; Lambrechts et al., 2016; Johansen et al., 2015; Richert et al., 2015a; Gibbons et al., 2015; Baehr and Klahr, 2015; Carrera et al., 2015, 2014; Yang and Johansen, 2014a,b; McNally et al., 2014; Turner et al., 2014; Gibbons et al., 2014; Dittrich et al., 2014, 2013; Hubbard, 2013; Lyra and Kuchner, 2013; Gibbons et al., 2012; Hubbard, 2012; Horn et al., 2012; Lyra and Kuchner, 2012; Yang et al., 2012; Lambrechts and Johansen, 2012; Johansen et al., 2012; Fromang et al., 2011; Johansen et al., 2011c; Lambrechts, 2011; Johansen et al.,

2011a,b; Lyra and Klahr, 2011; Lyra et al., 2010; Johansen and Lacerda, 2010; Yang et al., 2009; Johansen et al., 2009b; Oishi and Mac Low, 2009; Børve et al., 2009; Lyra et al., 2009a,b, 2008a; Johansen et al., 2008; Lyra et al., 2008b; Youdin and Johansen, 2008; Oishi et al., 2007; Johansen et al., 2007a,b; Johansen and Youdin, 2007; Youdin and Johansen, 2007; Johansen et al., 2006a,b,c; Johansen and Klahr, 2005; Johansen et al., 2004, 2005).

- (b) *Inertial particles* (Li et al., 2016; Mitra et al., 2016; Raettig et al., 2015; Pan and Padoan, 2014, 2013; Pan et al., 2014b,a; Mitra et al., 2013; Haugen et al., 2012; Hydle Rivedal et al., 2011; Haugen et al., 2010).

### 3. Accretion discs and shear flows

- (a) *Accretion discs and shear flows* (Tian and Chen, 2016; Richert et al., 2015b; Lyra, 2014; Lyra et al., 2015; Väisälä et al., 2014; Lyra, 2013; Raettig et al., 2013; Di Bernardo and Torkelsson, 2013; Latter and Papaloizou, 2012; Gaburov et al., 2012; Lyra and Mac Low, 2012; Rice et al., 2011, 2012; Oishi and Mac Low, 2011; Flock et al., 2011; Käpylä et al., 2010a; Käpylä and Korpi, 2011; Fromang et al., 2010; Korpi et al., 2010; Johansen et al., 2009a; Heinemann and Papaloizou, 2009; Fromang et al., 2009; Johansen and Levin, 2008; Workman and Armitage, 2008; Fromang et al., 2007; Fromang and Papaloizou, 2007; Ouyed et al., 2006; Brandenburg, 2005d).
- (b) *Shear flows* (Bhat et al., 2016; Singh and Jingade, 2015; Modestov et al., 2014; Vermeresch and Brandenburg, 2009; Käpylä et al., 2009c; Green et al., 2008; Yousef et al., 2008; Babkovskaia et al., 2008; Brandenburg et al., 2004a).

### 4. Solar physics

- (a) *Coronal heating and coronal mass ejections* (Bourdin et al., 2016; Threlfall et al., 2016; Chen et al., 2015; Smiet et al., 2015; Warnecke and Brandenburg, 2014; Bourdin, 2014; Bourdin et al., 2013a,b,c; van Wettum et al., 2013; Bingert and Peter, 2013; Peter and Bingert, 2012; Peter et al., 2012; Warnecke et al., 2012a,b; Warnecke and Brandenburg, 2011a; Zacharias et al., 2011a,b; Warnecke et al., 2011b; Bingert and Peter, 2011; Warnecke and Brandenburg, 2011b; Warnecke et al., 2011a; Warnecke and Brandenburg, 2010; Bingert et al., 2010; Zacharias et al., 2009b,a).
- (b) *Helical dynamos, helical turbulence, and catastrophic quenching* (Cole et al., 2016; Karak and Brandenburg, 2016; Karak et al., 2015b; Brandenburg and Hubbard, 2015; Subramanian and Brandenburg, 2014; Brandenburg and Stepanov, 2014; Brandenburg, 2014; Bhat et al., 2014; Chian et al., 2014; Park, 2014b; Park et al., 2013; Brandenburg and Lazarian, 2013; Park, 2013b,a, 2014a; Candelaresi and Brandenburg, 2013a; Park, 2013a; Del Sordo et al., 2013; Brandenburg, 2013; Rempel et al., 2013; Candelaresi and Brandenburg, 2013b, 2012; Brandenburg et al., 2012d; Rempel et al., 2012; Park and Blackman, 2012b,a; Brandenburg and Guerrero, 2012; Brandenburg, 2011a; Hubbard and Brandenburg, 2012; Rempel et al., 2011; Mitra et al., 2011; Candelaresi et al., 2011b; Hubbard and Brandenburg, 2011; Brandenburg, 2011b; Chatterjee et al., 2011a;

Hubbard et al., 2011; Candelaresi et al., 2011c; Candelaresi and Brandenburg, 2011b; Candelaresi et al., 2011a; Brandenburg, 2011d; Guerrero et al., 2011; Hubbard and Brandenburg, 2010; Mitra et al., 2010a,b; Brandenburg, 2010b; Guerrero et al., 2010; Brandenburg, 2010a; Brandenburg et al., 2010a; Chatterjee et al., 2010; Rädler and Brandenburg, 2010; Rempel et al., 2009; Käpylä and Brandenburg, 2009; Brandenburg, 2009a,e; Brandenburg et al., 2009a; Brandenburg, 2009d,f; Sur and Brandenburg, 2009; Brandenburg, 2009b,c; Rädler and Brandenburg, 2008; Tilgner and Brandenburg, 2008; Brandenburg, 2008a; Brandenburg et al., 2008c; Brandenburg, 2008b; Brandenburg and Käpylä, 2007; Brandenburg and Subramanian, 2007; Brandenburg, 2007b,a, 2006c,b; Shukurov et al., 2006; Mee and Brandenburg, 2006; Snodin et al., 2006; Brandenburg and Dintrans, 2006; Brandenburg, 2006a; Brandenburg et al., 2005b; Brandenburg and Subramanian, 2005c,b; Brandenburg and Käpylä, 2005; Brandenburg, 2005a; Brandenburg and Blackman, 2005; Brandenburg and Subramanian, 2005a; Brandenburg, 2005b,c; Brandenburg et al., 2004c; Brandenburg and Matthaeus, 2004; Brandenburg and Sandin, 2004; Yousef and Brandenburg, 2003).

- (c) *Helioseismology* (Singh et al., 2014, 2015).
- (d) *Strongly stratified MHD turbulence and NEMPI* (Cameron et al., 2016; Warnecke et al., 2016a; Jabbari, 2015; Brandenburg et al., 2014; Losada et al., 2014; Mitra et al., 2014; Jabbari and Brandenburg, 2014; Jabbari et al., 2014, 2015; Brandenburg et al., 2013b; Warnecke et al., 2013c; Jabbari et al., 2013; Kemel et al., 2013a,b, 2012a,b, 2011a,b,c; Losada et al., 2013; Käpylä et al., 2013a; Losada et al., 2012; Käpylä et al., 2012a; Brandenburg et al., 2011c, 2012a; Rüdiger et al., 2011; Brandenburg et al., 2010b).
- (e) *Convection in Cartesian domains* (Félix et al., 2013; Käpylä et al., 2013b; Getling, 2013; Félix et al., 2012; Svedin et al., 2013; Guerrero et al., 2012; Gastine and Dintrans, 2011c; Mantere et al., 2011; Käpylä et al., 2011c; Guerrero and Käpylä, 2011; Cantiello et al., 2011a,b; Gastine and Dintrans, 2008a,b, 2010, 2011a,b; Brandenburg et al., 2011b; Käpylä et al., 2008, 2009b, 2010b; Scharmer et al., 2008; Rieutord, 2008; Heinemann et al., 2007, 2006; Nordlund, 2004; Dobler and Getling, 2004).
- (f) *Global convection and dynamo simulations* (Karak et al., 2015a; Warnecke et al., 2014; Cole et al., 2014; Käpylä et al., 2010d, 2011a,b, 2012b, 2013c, 2014; Mantere et al., 2013; Warnecke et al., 2012c, 2013a,b; Mitra et al., 2009b, 2010c; Brandenburg et al., 2007a; Dobler et al., 2006; McMillan and Sarson, 2005; Dorch, 2004a,b, 2005; McMillan and Sarson, 2003).

## 5. Miscellaneous

- (a) *Turbulent transport and test-field method* (Warnecke et al., 2016b; Andrievsky et al., 2015; Snellman et al., 2015; Karak et al., 2014; Rheinhardt et al., 2014; Rüdiger and Brandenburg, 2014; Devlen et al., 2013; Brandenburg et al., 2004b, 2008a,b, 2009b, 2012b,c, 2013a; Brandenburg and Rädler, 2013; Snellman et al., 2009, 2012a,b; Kitchatinov and Brandenburg, 2012; Rheinhardt and Brandenburg, 2010, 2012; Rogachevskii et al., 2011; Rädler et al., 2011; Chatterjee, 2011; Brandenburg and Del

- Sordo, 2010; Madarassy and Brandenburg, 2010; Käpylä et al., 2010c; Hubbard and Brandenburg, 2009; Hubbard et al., 2009; Rädler and Brandenburg, 2009; Käpylä et al., 2009a; Mitra et al., 2009a; Liljeström et al., 2009; Sur et al., 2008; Käpylä and Brandenburg, 2007, 2008; Sur et al., 2007; Hupfer et al., 2006; Yousef et al., 2003).
- (b) *Hydrodynamic and MHD instabilities* (Del Sordo et al., 2012; Chatterjee et al., 2011b,c; Bejarano et al., 2011; Brandenburg and Rüdiger, 2005; Brandenburg et al., 2004c; Brandenburg, 2003).
  - (c) *Hydrodynamic turbulence* (Yokoi and Brandenburg, 2016; Aiyer et al., 2015; Brandenburg and Petrosyan, 2012; Del Sordo and Brandenburg, 2011a,b; Brandenburg and Nordlund, 2011; Haugen and Brandenburg, 2004a, 2006; Brandenburg et al., 2005c; Pearson et al., 2004).
  - (d) *Turbulent combustion, front propagation, radiation & ionization* (Bhat and Brandenburg, 2016; Babkovskaia et al., 2015; Chaudhuri, 2015; Barekat and Brandenburg, 2014; Tarjei Jensen et al., 2011; Brandenburg et al., 2011a; Babkovskaia et al., 2011; Brandenburg and Multamäki, 2004).

### 3 Code comparison & reference

The PENCIL CODE has been quoted in other papers either for detailed code comparison, in connection with related work, or in comparison with other codes (Surville et al., 2016; Simon et al., 2016; Skála et al., 2015; Mocz et al., 2015; Hopkins, 2015; Duffell and MacFadyen, 2015; Krumholz and Forbes, 2015; Cheung et al., 2015; Augustson et al., 2015; Schäd et al., 2015; Brun et al., 2015; Norton et al., 2014; Rieutord, 2014; Olshevsky et al., 2014; Skála et al., 2014; Hopkins, 2014; Jenkins et al., 2014; Lovelace and Romanova, 2014; Recchi, 2014; Berera and Linkmann, 2014; Norton et al., 2014; Charbonneau, 2014, 2013; Augustson et al., 2013; Gabbasov et al., 2013; Kulikov, 2013; Fromang, 2013; Martínez Pillet, 2013; Cavecchi et al., 2013; Rein, 2012; Freytag et al., 2012; McNally et al., 2012a; Bonanno et al., 2012; Maron et al., 2012; McNally et al., 2012b; Andic, 2011; Viallet et al., 2011; McNally, 2011; Vshivkov et al., 2011; Ziegler, 2011; Hanasz et al., 2010; Brandenburg and Dobler, 2010; Rovithis-Livaniou, 2010; Bai and Stone, 2010; Stone and Gardiner, 2010; Turck-Chièze, 2010; Garcia de Andrade, 2009; Kley, 2009; Piontek et al., 2009; Maron and Mac Low, 2009; Hawley, 2009; Lemaster and Stone, 2009; Matsumoto and Seki, 2008; Maron et al., 2008; Gellert et al., 2008; Klahr, 2008; Thévenin et al., 2006; Fromang et al., 2006; de Val-Borro et al., 2006; Turner et al., 2006; Rüdiger, 2005; Maron et al., 2004).

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