

0.5 0.3 0.2 2/

, , , . , , , . , ... *

Department of Physics and Atmospheric Science, Dalhousie University, Halifax, Nova Scotia, B3H 3J5, Canada
 Department of Chemistry, Dalhousie University, Halifax, Nova Scotia, B3H 4R2, Canada
 Department of Biological & Chemical Processing, Idaho National Laboratory, 2525 Fremont Ave., Idaho Falls, ID 83415-3732, USA

ARTICLE INFO

Article history:
 20 2018
 1 2018
 1 2018
 2 2018

Keywords:
 -
 -
 -

ABSTRACT

0.5 0.3 0.2 2/

() ()

(): ():

() (25:5:70 %) 2% () 2% fi

() 20% 40%

2%

2%

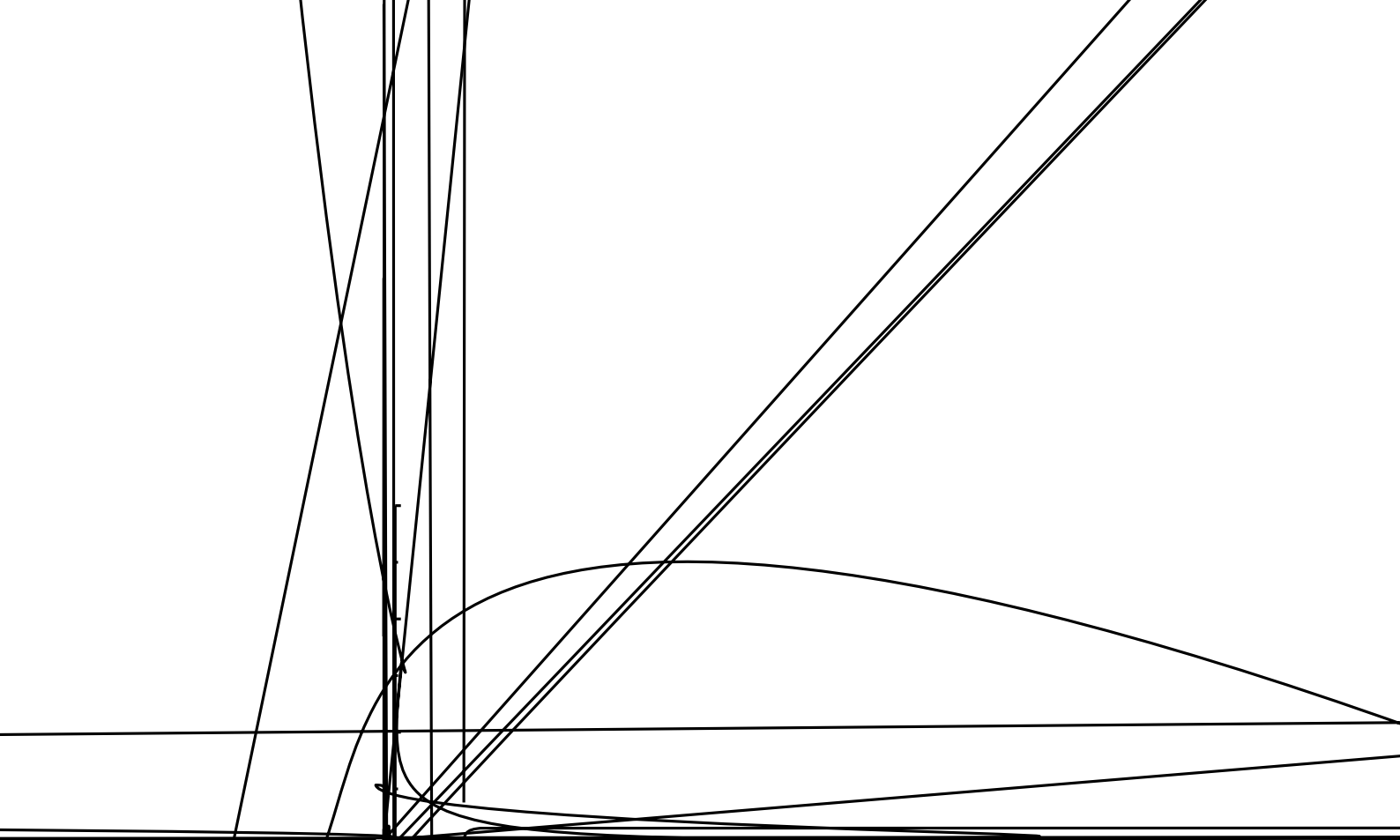
fi

20%

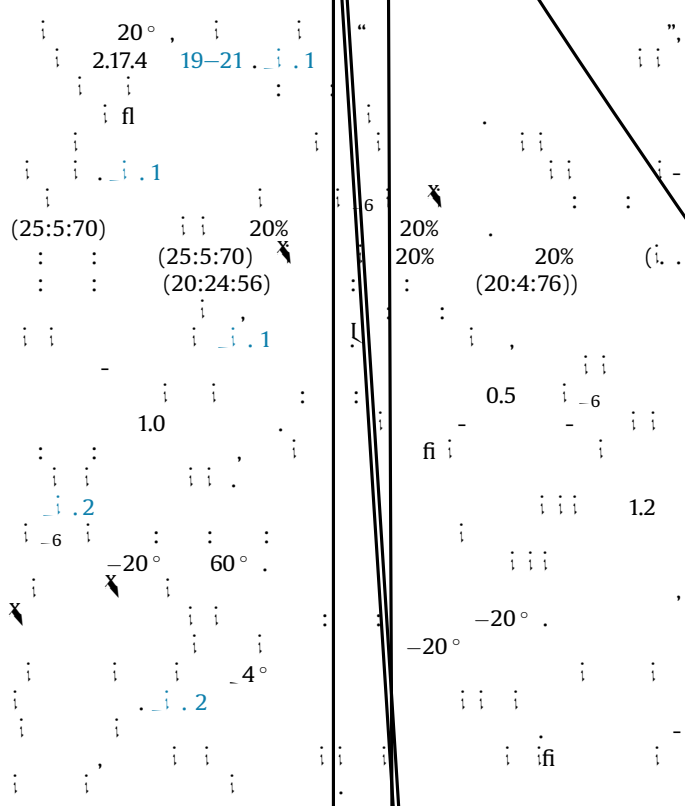
© 2018

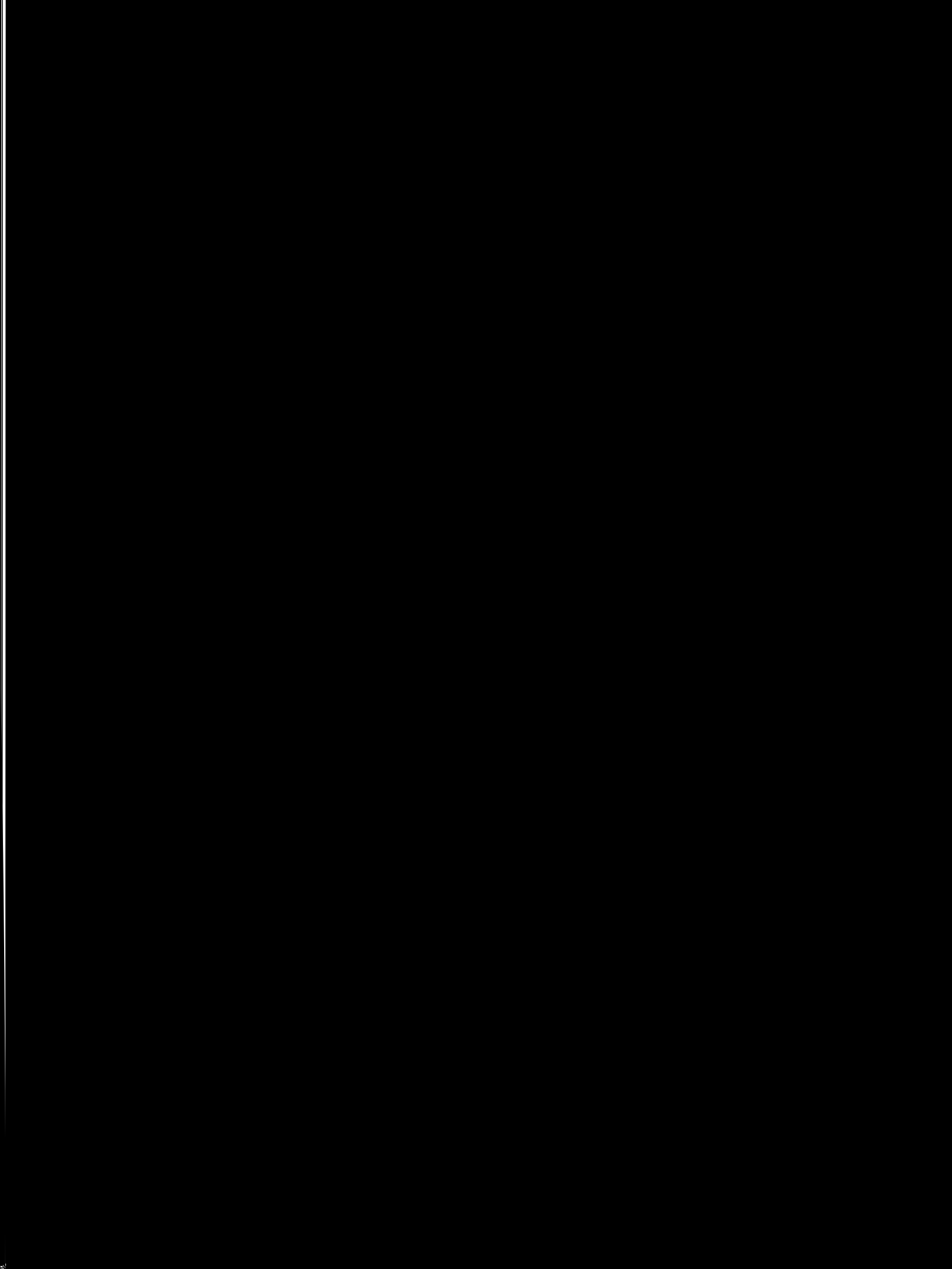
1. Introduction

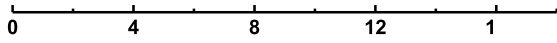
()



LiPF₆ molality (mol/kg)







2.4
 20% 40%
 2% 2%
 +40% +2%
 2.5 2.4
 20% 40%
 2.5
 20°
 1.1
 Δ
 Δ
 1.2
 1.4
 1.4
 1.4
 4
 1.4
 4
 1.5
 fi ()
 Δ
 1.5
 2% 2% 2% 2%
 2% 2%
 Δ

i
i i
i 2% , i 20% 40%
i 2% i
i .8 . i i i , i
i i .8 , i i 2%

0 200 400 600

Article number

b

Acknowledgements

References

fi

fi

W

- 1 (2016) 3010. 163
- 2 164 (2017) 1173.
- 3 162 (2015) 959.
- 4 157 (2010) 1361. W
- 5 (2000) 167. 87
- 6 87 (2000) 112.
- 7 97–98 (2001) 576.
- 8 54 (1995) 6.
- 9 149 (2002)
- 10 361. W

11 (1999) 3963. 146
40 (1995) 537.
12 6399255 2 (1998).
13 154 (2015) 227.
14 154 (2015)
287.
15
16 164 (2017) 3556. 157 (2010)
196– 202.
17 2 (2013) 106.
18 159 (2012) 937.
19 51 (2006) 3125.
20 1 (2006) 119.
21 225 (2017) 175.