

- <sup>26</sup> K. S. Raman, R. Moessner, S. L. Sondhi, Phys. Rev. B **72**, 064413 (2005).
- <sup>27</sup> D. F. Schroeter, E. Kapit, R. Thomale, and M. Greiter, Phys. Rev. Lett. **99**, 097202 (2007); R. Thomale, E. Kapit, D. F. Schroeter, and M. Greiter, Phys. Rev. B **80**, 104406 (2009).
- <sup>28</sup> O. Tchernyshyov, R. Moessner, S. L. Sondhi, Phys. Rev. Lett. **88**, 067203 (2002).
- <sup>29</sup> F. Becca, F. Mila, Phys. Rev. Lett. **89**, 037204 (2002).
- <sup>30</sup> K. Penc, N. Shannon, H. Shiba, Phys. Rev. Lett. **93**, 197203 (2004).
- <sup>31</sup> C. Weber, F. Becca, F. Mila, Phys. Rev. B **72**, 024449 (2005).
- <sup>32</sup> G.-W. Chern, C. J. Fennie, O. Tchernyshyov, Phys. Rev. B **74**, 060405(R) (2006).
- <sup>33</sup> D. L. Bergman, R. Shindou, G. A. Fiete, L. Balents, Phys. Rev. B **74**, 134409 (2006).
- <sup>34</sup> Fa Wang, Ashvin Vishwanath, Phys. Rev. Lett. **100**, 077201 (2008).
- <sup>35</sup> O. Tchernyshyov, G.-W. Chern, arXiv:0907.1693 (2009).
- <sup>36</sup> Y. Taguchi, Y. Oohara, H. Yoshizawa, N. Nagaosa, Y. Tokura, Science **291**, 2573 (2001).
- <sup>37</sup> X. G. Wen, Frank Wilczek, A. Zee, Phys. Rev. B **39**, 11413 (1989); X. G. Wen, Phys. Rev. B **40**, 7387 (1989).
- <sup>38</sup> Dimitris I. Tsomokos, Juan José García-Ripoll, Nigel R. Cooper, Jiannis K. Pachos, Phys. Rev. A **77**, 012106 (2008).