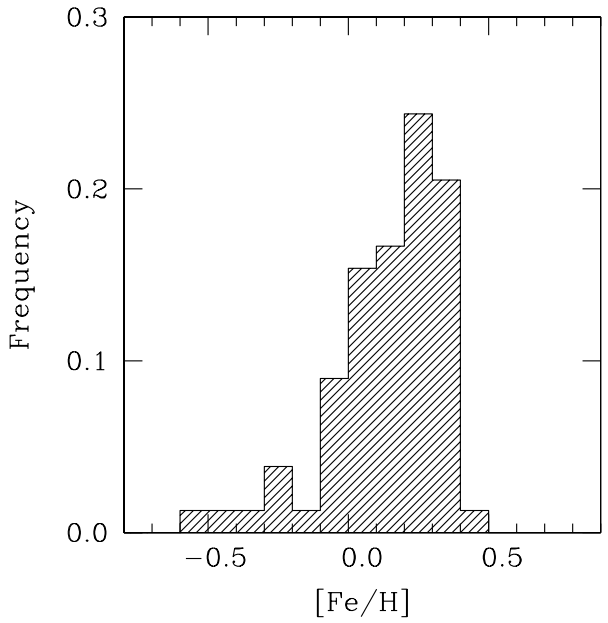

Fig. 5. Metallicity distribution of the sample stars derived by FUNDPAR.

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REFERENCES

Ammler-von Eiff, M., et al. 2009, A&A, 507, 523
Anders, E., & Grevesse, N. 1989, Geochim. Cosmochim. Acta, 53, 197
Blackwell, D. E., Lynas-Gray, A., & Smith, G. 1995, A&A, 296, 217
Castelli, F., Gratton, R., & Kurucz, R. 1997, A&A, 318, 841
Castelli, F., & Kurucz, R. 2003, in IAU Symp. 210, Modelling of Stellar Atmospheres, ed. N. Piskunov, W. W. Weiss, & D. F. Gray (San Francisco: ASP), A20
Edvarsson, B., Andersen, J., Gustafsson, B., Lambert, D. L., Nissen, P. E., & Tomkin, J. 1993, A&A, 275, 101
Fischer, D., & Valenti, J. 2005, ApJ, 622, 1102
Gonzalez, G. 1997, MNRAS, 285, 403
_____. 1998, A&A, 334, 221
Gonzalez, G., & Laws, C. 2000, AJ, 119, 390
Gonzalez, G., Laws, C., Tyagi, S., & Reddy, B. 2001, AJ, 121, 432
Gonzalez, G., & Vanture, A. D. 1998, A&A, 339, L29
Gonzalez, G., Wallerstein, G., & Saar, S. 1999, AJ, 511, L111
Grevesse, N., & Sauval, A. J. 1998, Space Sci. Rev., 85, 161
Kurucz, R. L. 1990, in Stellar Atmospheres: Beyond Classical Models, ed. L. Crivellari (Dordrecht: Kluwer), 441
_____. 1993, CD-ROM No. 13, ATLAS9 Stellar Atmosphere Programs and 2 km/s grid (Cambridge: SAO)
Laws, C., & Gonzalez, G. 2001, AJ, 553, 405
Laws, C., Gonzalez, G., Walker, K., Tyagi, S., Dodsworth, J., Snider, K., & Suntzeff, N. 2003, AJ, 125, 2664
Nelder, J. A., & Mead, R. 1965, Computer Journal, 7, 308
Olsen, E. H. 1984, A&AS, 57, 443
Press, W. H., Teukolsky, S. A., Vetterling, W. T., & Flannery, B. P. 1992, Numerical Recipes in Fortran: The Art of Scientific Computing, (2nd ed.; Cambridge: Cambridge Univ. Press)
Saffe, C., Gómez, M., Pintado, O., & Gonzalez, E. 2008, A&A, 490, 297
Saffe, C., & Levato, H. 2004, A&A, 418, 1083
Santos, N. C., Israelian, G., & Mayor, M. 2000, A&A, 363, 228
_____. 2004, A&A, 415, 1153
Schuster, W. J., & Nissen, P. E. 1989, A&A, 221, 65
Sousa, S. G., Alapini, A., Israelian, G., & Santos, N. C. 2010, A&A, 512, 13
Sozzetti, A., et al. 2007, ApJ, 664, 1190
Sozzetti, A., et al. 2009, ApJ, 691, 1145

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