2.2 ANTI-BLOOMING ON PIXEL PAIRS

Initial calibration test data was taken with the anti-blooming mode "on" as a default condition. MIPL evaluation of the test data indicated that both the NAC and WAC cameras exhibited pixel pairing of a dark and bright pixel for exposures of 20 seconds and longer. The number of pixel pairs varied. Subsequently, default calibration test conditions were changed to anti-blooming mode "off". Further evaluation of this phenomenon was performed by R. West, and was reported by R. West and C. Avis in Section 5.1.10 of this report. Electronic files identifying the bright/dark pixel pairs are listed in Appendix E.
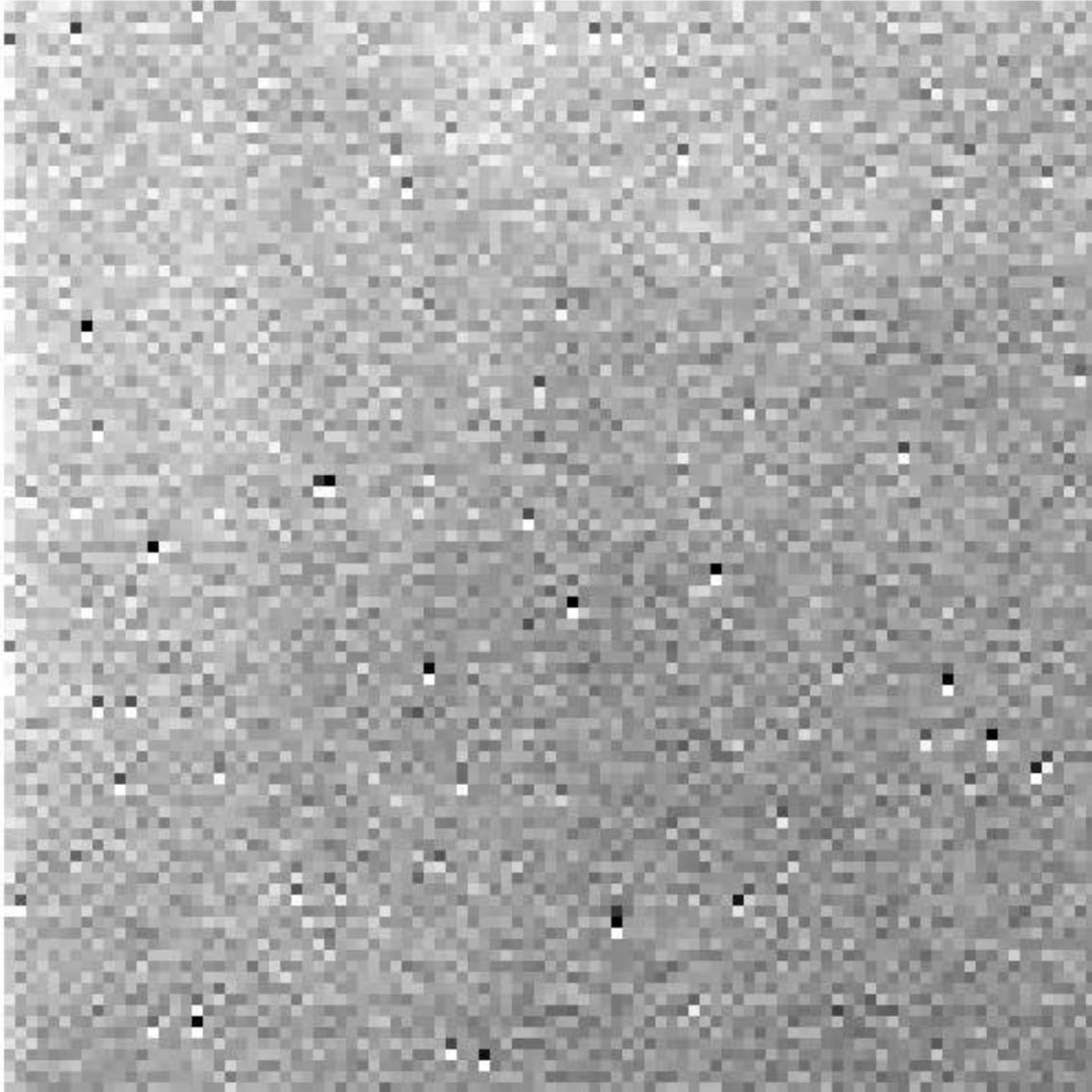

Figure 2.2-1 - Anti-blooming Pixel Pairing