

APPENDICES A

N-FACTORS IN THE UNIVERSAL EARTHMOVING EQUATION

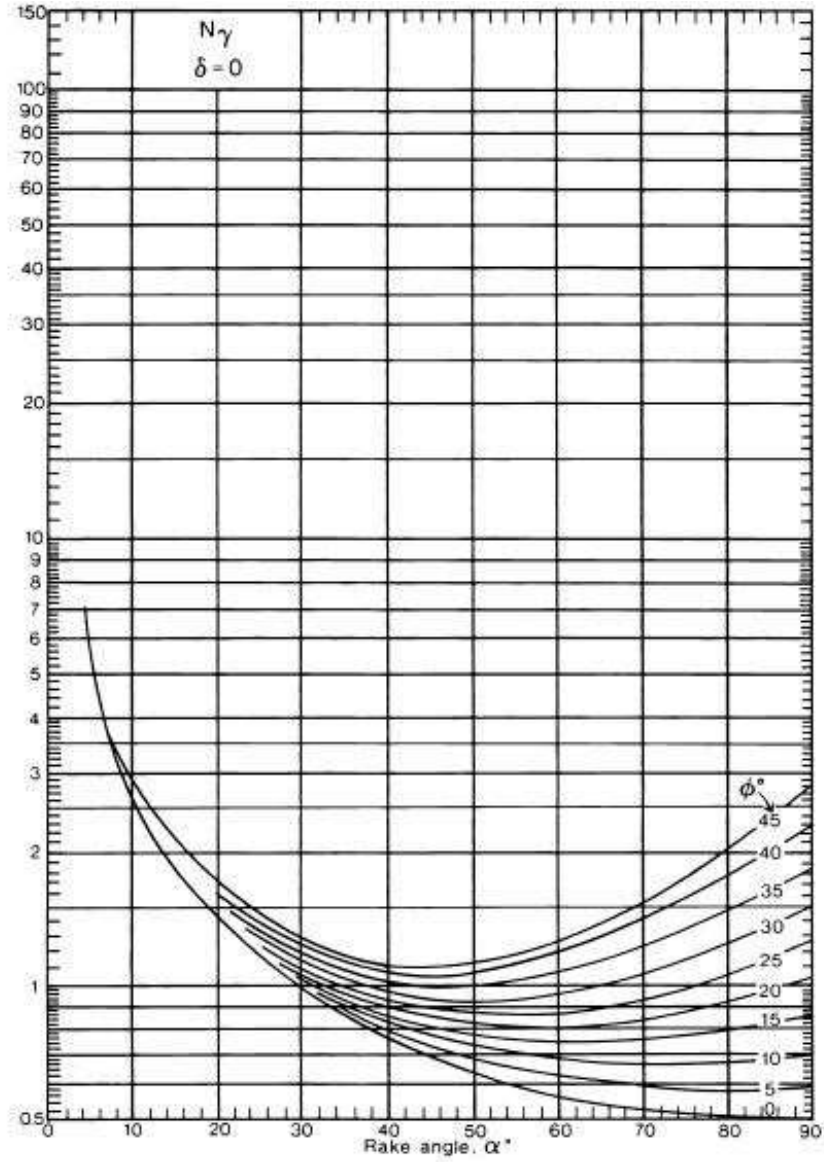


Figure A. 1: Chart of N_γ for $\delta=0$ (Hettiaratchi, 1974)

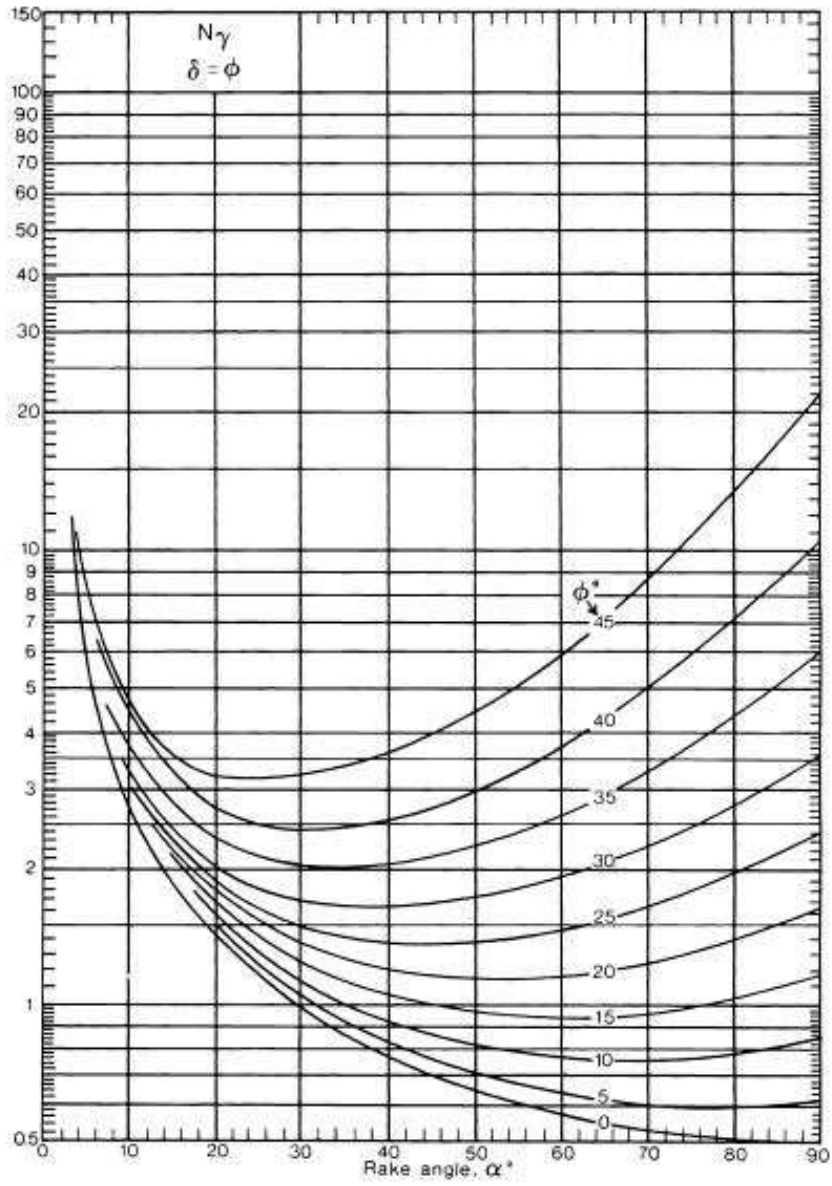


Figure A. 2: Chart of $N\gamma$ for $\delta=\phi$ (Hettiaratchi,1974)

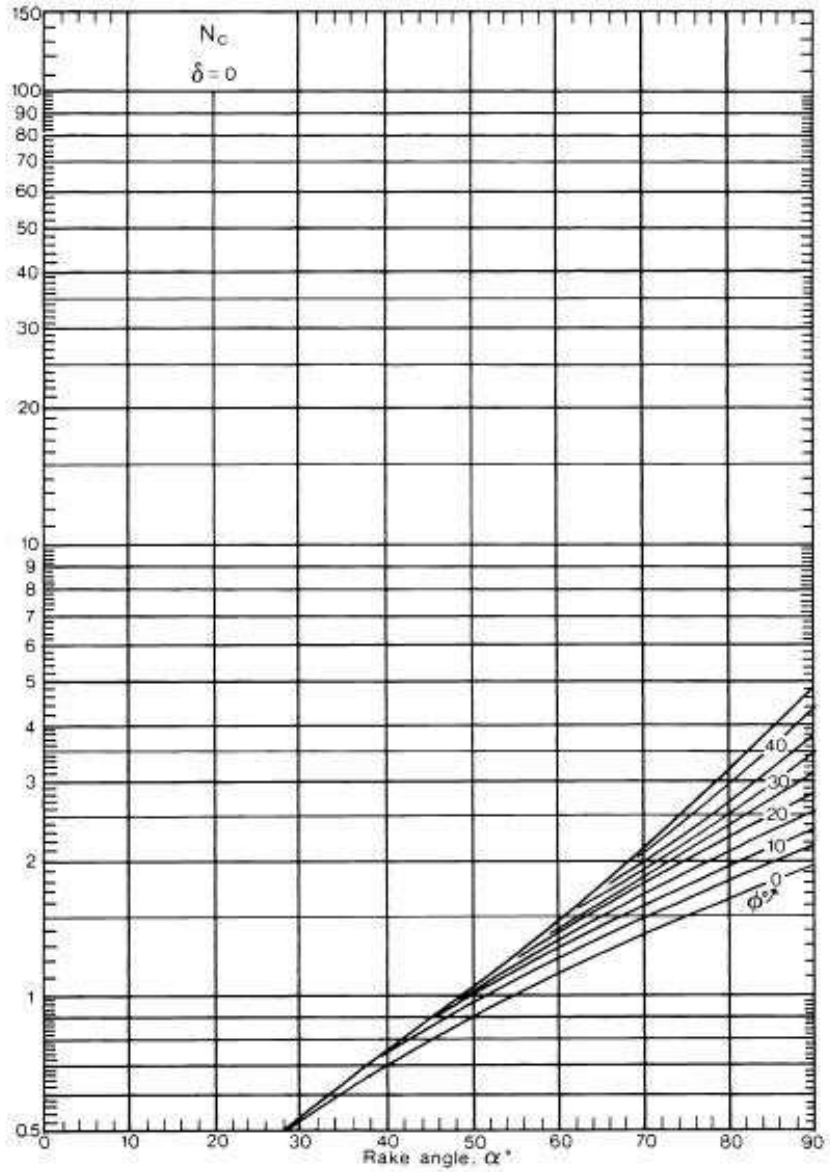


Figure A. 3: Chart of N_c for $\delta=0$ (Hettiaratchi,1974)

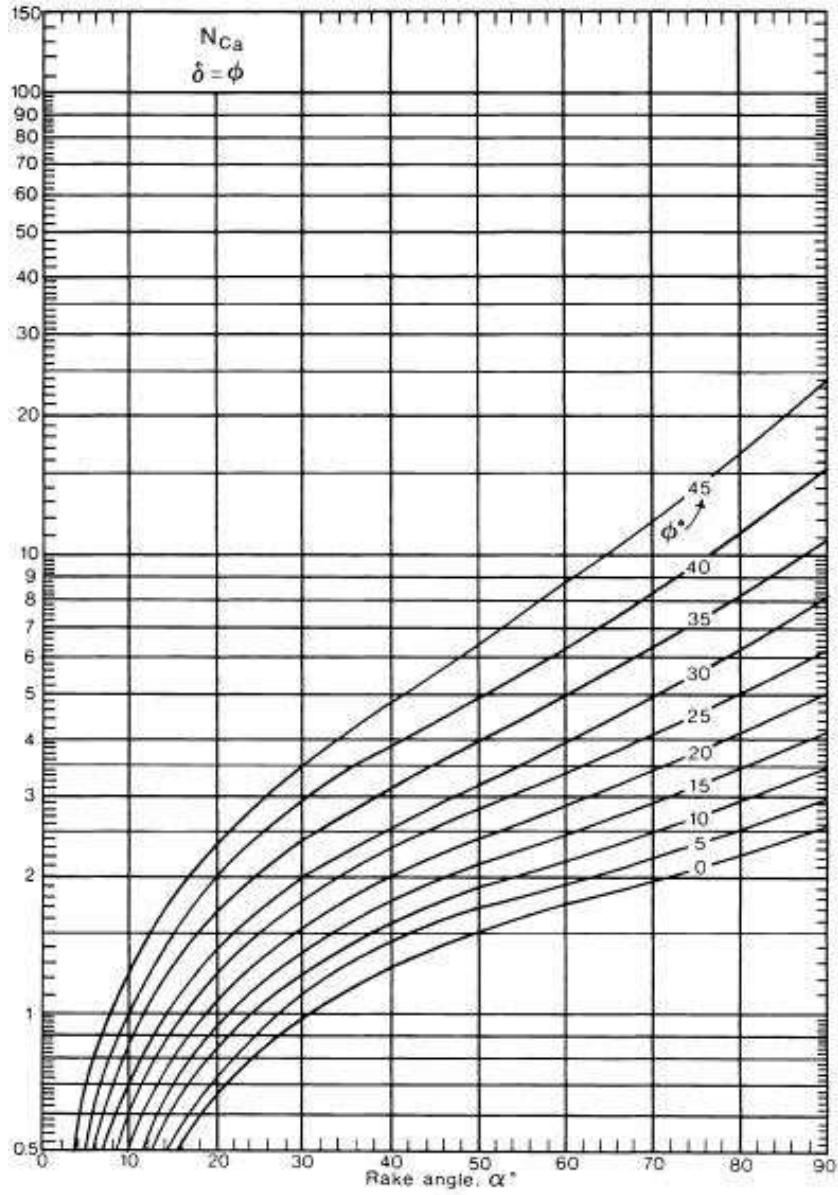


Figure A. 4: Chart of N_c for $\delta = \phi$ (Hettiaratchi, 1974)