

LIST OF PUBLICATIONS

C. P. SINGH
(1968- 2012)

(a)Theoretical Papers

1. Rescattering Model Applied to Y^* production
C. P. Singh and B.K. Agarwal, **Phys. Rev.** 172, 1611 (1968)
2. Production Angular distribution of N^* (1238)
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3. PCAC constraints for $\pi N \rightarrow \pi N^*$
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5. A numerical estimate for PCAC consistency conditions for $\pi N \rightarrow \pi N^*$
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6. Rescattering model for $K-p \rightarrow \pi-\Sigma^-$
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7. Production of resonances in a rescattering model
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8. Production angular distribution of Ξ^*
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9. ΣK^* production in rescattering model
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10. $\pi-p$ interactions in peripheral model
V.P. Seth, C. P. Singh and B.K. Agarwal, **Ind. J. Pure Appl.Phys.** 7, 220 (1969)
11. Role of one baryon exchange in Y^* production
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15. $K-\Xi^+$ production in the rescattering model
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16. Unsubtracted dispersion sum rules and $\pi\Lambda\Sigma$ couplings
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17. Reaction $K-n \rightarrow \pi-\Lambda$ in new interference model
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18. $K-p$ backward scattering
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19. $K-p \rightarrow K\Xi^-$ in two meson exchange peripheral model
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21. Odorico zeros for exotic exchange process
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22. Polarization calculations in box diagram model
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23. Role of final state interactions in Y^* production
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24. Phenomenology for OZI-rule breaking
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25. Neutral current and diffractive production of vector mesons
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26. Rescattering effects in three particle final state reactions
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27. Constraints due to PCAC and charmed baryon couplings
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28. Properties of charmed particles
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31. Unitarity corrections in strong interactions
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32. Pion hyperon couplings from Adler conditions
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33. Where does Regge start ?
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34. $\pi\Lambda\Sigma$ and $\pi\Sigma\Sigma$ coupling constants and PCAC consistency condition
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57. Current status of properties and signals of the quark-gluon plasma
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64. Equation of state for finite size hadrons : Thermodynamical consistency
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68. Baryon-number density in hadronic gas models and baryon-asymmetry in the early universe
B.K. Patra, K.K. Singh, S. Uddin and C. P. Singh, **Phys. Rev.** D53, 993 (1996)
69. Strangeness conservation constraints in hadron gas models
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80. Excluded volume in mean field formalism and Kaon condensation
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