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Definition of al Corrections

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U.S. Department of Energy

USDOE Office of Science (SC)

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RHIC PROJECT

Brookhaven National Laboratory

Definition of a_1 Correctors

H. Hahn & G. Parzen

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OUTER ARCS are DE Focussing at QD: 12 x 1.57 9, at 99 in 6, 10, 2 o'clock corrector package Q9 1/2 6, 10, 2 oct och only a (horiz Bipole 754 M 2011 50A 0 0-0-0-0 D'9p KING: Powar supply sextent coupling

a, at Q2 EACH RING: 12 x 1.5T; 13 cm

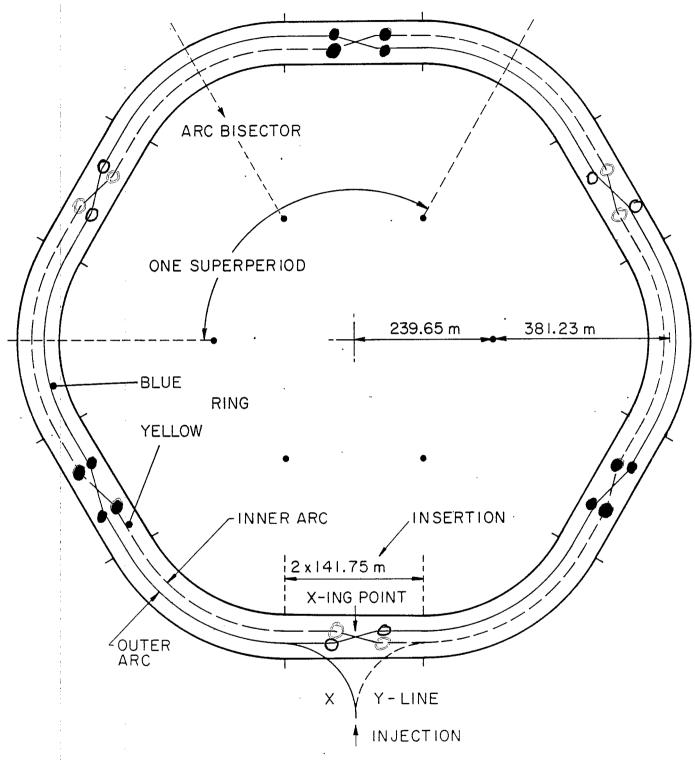


Fig. IV.2-1. Layout of the Collider.

DAY-ONE POWERSUPPLIES EACH RING: 1 FAMILY 2, 68, 10 o'cl=ck 4,8,12

Hahn & Parten 5/30/90 a, at Q5 EACH RING: 6 × 1,5 T 3 8 cm ARC BISECTOR ONE SUPERPERIOD 239.65 m 381.23 m **BLUE** RING YELLOW INSERTION -INNER ARC 2x141.75 m X-ING POINT OUTER ARC Y-LINE Χ INJECTION

Fig. IV.2-1. Layout of the Collider.

Note: No interference with beam dump DAY-ONE: 1 Power supply EACH RING