

00156

#13- Arithmetic &
Information (E
Adjustments)

The last time I spend a considerable amount of time trying to show the importance of the information test in terms of making some kind of interpretation at least in the I-E dimension. I talked first in the extreme about the Iuu, this would be the individual with the high Digit-Span, the low Arithmetic, and the low Information. This, in general, is an indication of the person being very autistic, autistic in the sense that the Iuu, the presence of the low Arithmetic, the low Information, indicates that what ideational activities that the individual is using is not being used in a relevant, productive way. Mainly because the Arithmetic and the Information tests are largely ideational kinds of tests and/or taps or measures of a persons ability to handle certain kinds of ideational material in an effective, useful way. I should have said that in the extreme the I+u+u+ individual is schizophrenic because his autism is so marked, so great, so intense, he's essentially out of contact. The Iuu is the position that they begin to move up the line. The test seems to me to do an awfully good job of picking up these nuances. And the Iuu is almost always schizoid in psychological adjustment. But the fact that the individual is schizoid in no sense in and of itself indicates that the person is inoperative. But it does give you some kind of clues of how he's operating, and that the position of the other variable begins to be very important in determining the significance of Iuu. But Iuu

alone certainly is a suggestion of a fundamental, underlying schizoid adjustment which may be handled in a number of ways. One of the things that I did try to point out, that when we get into R and F and particularly in terms of the comprehension subtest, ~~kk~~ in the comprehension subtest which eventually if we keep at it long enough we'll be talking about with more precision, the comprehension subtest is an indication of a person's capacity to be able to do in a ritualized, organized way the things that are required of him in life. Therefore the high comprehension or the highest comprehension in a schizoid individual merely means that the schizoid individual is not out of contact, but he is very dependent upon his rituals, his procedures to be able to maintain himself. Now I should have gone to the other extreme and talked a little bit about Euu as a combination. We don't get quite as many Euu's among the samples around here as we do Iuu's because there are some fundamental differences in the kind of adjustments that the Euu's have. In the extreme, the Euu is an individual who is essentially an externalizer who is not organizing, Compensating or doing very much about using any kind of significantly important ideational discipline to keep from being an over-reactive, over-responsive individual. Remember that an Iuu as a schizoid is backing in, which means R/ that much of his withdrawal, much of schizoid adjustment is not obvious in his overt behavior. Once you begin to get into the Euu kind of adjustment, the Euu adjustment is going to be manifested much more by a person who tends to be overactive, over-responsive, tied completely in terms of immediate experience and reacting primarily to immediate experience. Now, consequently, the extreme, the E+U+U+

which again would be a person in most cases you would not be able to get a test on, is likely to be an individual if he has an illness that the illness is essentially going to be the manic over-reactivity. The individual is out of control in relationship to this. Again, all Euu's are not out of control, but there is almost always bound to be a manic flavor or a manic potential in an Euu adjustment. That is the person is likely to be over-reactive, over-responsive, much more tied into everyday kinds of things. The Iuu can oftentimes do intellectualized kinds of procedures and maintain his adjustment. The Euu is going to have to use again compulsive characteristics as a means of keeping from being too over-reactive. But the ritualization of the Euu is much more likely to move into an area of certain kinds of practical activities. The place where one is likely to find a fairly high number of Euu's in the American culture, at least, is in the laboring occupations, blue collar is the best way to explain it. It would be perfectly possible for an Euu individual to be a very effective bricklayer because he has the kind of a practical skill, and orientation and he has to really keep busy in a sense at doing just that particular type of activity. He's also likely to be an individual who has much more of a need to keep on the go in a certain kind of a way but there will be a non-intellectuality in most cases in the Euu individual. Non-intellectuality is because he is not particularly

Euu

00159

moving into the direction of ideational control, ideational activity. Again, playing with words, the mental activity because mental activity is uniform, the mental activity of the Iuu is autistic, that is there is some kind of intense activity going on within the individual which is highly individualized, highly personalized and may have very little relevance. Autism always has been a very difficult thing to explain. Now the mental activity of the Euu individual, and he can use mental activity in a sense in terms of this, the mental activity of the Euu is not autistic in the ordinary sense of the word but it is possible for the Euu individual to move very much into the sense where his mental activity is much more likely to be daydreaming. Now the difference between daydreaming and autism is the important point that I'm trying to get out here, is that daydreaming usually means that an individual is taking some kind of real event and thinking about a real event. Now it doesn't have the symbolic, the abstract, the esoteric quality of autism. The daydreamer is the person who lives certain events which he cannot act out, but they are acting out dreams, right up to the fact that in the extreme, Walter Mitty is a good example of Euu daydreaming. Also the Euu is also going to have much more characteristic of vicariousness. There will be a vicarious quality in the Euu type of daydreaming. For example, he may be a very active watcher of sports, but an element of his watching sports is in a sense that he rather than ~~wanting to~~ wanting to participate in the sport, like an Ec or and Ic might want to do, the Eu is much more inclined to gain

00100

vicarious satisfaction by reliving in a sense this particular type of activity. There's also involved in this as far as the Euu is concerned, there is much more of a possibility of an Euu at a certain level of adjustment and under certain circumstances developing in his life, the Euu is much more likely to become a voyeur, a peeping Tom, because a peeping Tom experience is again a vicarious acting out. Therefore a general characteristic of the Euu is either to be in the business of acting out all the time or controlling their tendency to act out all of the time by moving in the direction of some kind of vicarious activity. All right now, I must add the information on this particular combination. You add in the information on the basis of this, the thing that is happening when you add and indicate that the ~~xxx~~ person is showing some kind of ideational ~~activity~~ discipline, as expressed by the information test. This means that the individual, the Eu individual is using the accumulation of knowledge, this is the only way that I can explain this right now. The accumulation of knowledge as a means of keeping themselves effectively busy. In one of the best senses of the word, a healthy high level Euc might be much more likely to be a historian, that to me is one of the best examples. An Euc, a healthy high level Euc, might either be a historian or a person very interested in history. Because this represents a vicarious way of living out. And he uses his high information capacity to collect information on the basis of which he can think about. Now to one extent, an Euc, it's the Euc+ if the information begins to move up too high, if the person is adamantly involved in collecting knowledge,

a characteristic of the Euc+ is likely to be a person who is pedantic. Now, a pedantic is essentially the kind of an individual who collects information and his information as a means of relating to people or to acting out in certain kinds of ways. But again one of the best examples of an Euc in this pedantic way that I'm talking about is the fellow who at the bar knows the batting averages of every player, not only currently but over a long period of time. He has worked, in a sense, to get a certain amount of body of information which is as much a means of giving him a way to relate to somebody as it is in terms of gaining intellectual satisfaction per se out of the activity. The Euc, and again we go back to one of the early things we talked about in terms of this, the Iuc acts out to avoid acting in, therefore the Iuc individual what he's looking for are rituals of various kinds and he is in most instances looking for things on the basis so that he can be active to avoid being autistic. The Euc is acting in to avoid acting out. That is the reason why the contact personality, Euc, comes out i' because his contact personality is essentially an I contact, because he is refusing to relate or respond because he is afraid of being too active. The Iuc comes out e' at a contact level and it comes out e' at a contact level because this individual is very E in behavior because he's acting out to avoid the schizophrenic or the schizoid or the autistic activity. Now the threat, the Euc becomes intellectually obsessive the more he is threatened by being overactive. If you're strongly Eu, which means you have a tremendous amount of need to relax, to relate, to respond, to react, to over-react,

you are really very guilty about your tendency in terms of over-reacting 62
 over-responding and so on in this direction, you are likely to be moved in what is essentially compulsive intellectual activity to avoid too much over-relating. You're using obsessive ideational activity because you do not have the capacity to be able to control the tendency to over-react. Therefore, there'll be an element in the Euc with a certain amount of need for avoidance. Now, avoidance in terms of this, a characteristic a general characteristic, and again this is all modified by what comes later on, a general characteristic of an Euc individual is that he is likely to avoid very many social situations, not because he doesn't like to be social but because he is afraid he is not going to be able to control his tendency to become too social. A characteristic of the Euc individual is that if he lets down, if he gives in, he over-reacts, he over-responds, he gets over-involved. Therefore one of the primary methods the Eu's use to maintain their psychological adjustment is going to carry with it certain characteristics of avoidance. Now, the Iuc individual on the other hand is likely to seek certain kinds of social relationships and be very eager to get into certain kinds of social relationships because those social relationships keep him from withdrawing into what is a non-responsive kind of way. Now, again we're talking Iuc - Euc, now we've got to begin to put it, and this is where it gets fairly complicated, the element of control. Most people in their adjustment continuum, most people are likely to move in a direction on the basis of which they get some of the control that is represented in my opinion by the Arithmetic scores. Now again in terms of the performance on the test,

00163

the performance on the test is that a good healthy I is likely to be able to do efficiently, the first seven or the first eight problems with relatively little effort if he has made any particular adjustment in the direction of control. He is likely to miss out on the last two items on the test on the basis of which there is a more complex type of intellectual exercise required, plus a time element. The good healthy E is also likely to be able to do the seven or eight relatively simple ones. But again, there will be a qualitative difference in the way in which the E individual is likely to do on this, and I've talked some about this. It's the healthy E who has made some ~~part~~ particular kind of control, doing moderately well on the Arithmetic. The thing that he is likely to do is in the sense, either to make careless mistakes or to be unsure. "That's nine, I think, no... it's nine." Again there is an effort ~~is~~ involved, that is a different kind of an effort for the E individual ~~than~~ than it is for the I. Again when he gets to the last two items at the end, he is much more likely to refuse to try to do them at all. He says "I can't do that" in other words "This is too complicated an ideational activity for me to do." So in general the majority of either I's or E's are likely to do the first six to eight items without any particular difficulty and bring them fairly close to their normal level. Now, the same thing is likely to be happening in relationship to this on what happens on the information subtest and what is oftentimes going to happen in relationship to this is that the kind of E or I who does the six or eight problems without any particular scoring problems on the test,

there may be qualitative differences in the way that they've done it but they score items in terms of this. They are also likely to be able to perform on the information items at pretty close to what would be expected for their normal level range. They'd be picked up pretty well, and you'd get a large number of what in the test score is likely to come out Ic or Ic-c or Ec, Ec-c. This is sort of the modal performance on these three particular tests. The extremes, as they begin to take place in terms of this, is that the E individual will become c+ and it is essentially more common for the E individual to come out c+ than it is for the I individual. It's not unusual for the I but essentially it's a common manifestation. Ec+ is likely to come out in terms of this and as I've said before, the c+, the Arithmetic in terms of this, this is an indication that in some way the E individual has deliberately engaged in some kind of extreme self-discipline of his E tendencies to move in what is essentially an ideational way. He's becoming highly ideational reactive as a means of disciplining his tendency to be E. Now let me put the information in this. We talked first about one of the things that begins to be a flag, a flag to begin to look to get some other kind of interpretation for. Suppose you had a low Digit Span, a very high Arithmetic in relationship to the normal level, and then a low information. Now there are two things that this in particular indicates. Now the first one, and this is the one which is in some cases perhaps more common, or is quite common. The fact that the Information is not going up is an indication that whatever the intellectual activity, either the individual is disciplining or the discipline that is taking place in terms of the E acting out tendency,

00165

is not being channeled particularly in a socially relevant way, in the way in which the information test has begun to indicate. Consequently, one of the primary indications that Ecu begins to suggest in the test pattern is that the individual is more inhibited or defensive than he is socially utilizing his intellectual activity. In other words Ecu is a possible indication that the person is not using any kind of social relevant information as part of the way, ^{to?} the channel, his intellectuality. On the other hand if you get Ec+c+, this begins to be a strongly intellectualizing indicator, in that the person is moving very strongly in the direction of being an intellectual.

The Ec+c+ is not in any sense not a good intellectual. They can be a very smart, very effective person. But a characteristic of the Ec+c+'s judgment, is the fact that the person is defensively intellectual. He's defensively intellectual as a means of not being too relating and responding. So, consequently, a characteristic of the Ec+c+ intellectual is that part of what he's disciplining and part of what he's doing is that he moves in the direction of being a relatively non-relating or a non-responsive person in a defensive way. The Ec+c+ individual is likely to be cold, he is likely to be brutal, whenever placed in any kind of a situation which is likely to interfere with his intellectuality.

An example of the Ec+c+'s intellectualizing characteristic is television. I think you can tell pretty well if a person is an Ec as opposed to an Eu or something else, something in terms of his attitude toward television. It is not unusual or uncommon for the Ec+ individual to begin to be extremely and aggressively hostile against

television. Now Euc+'s can be this too, and I'll come back to this later. The Ec+ individual is very likely to be hostile to television and hostile to television to the extent that in many instances they will refuse to have a television in the house. The reason they refuse to have a television set in the house, because having it in the house and having it on is likely to be annoying to them. In other words there is a basic need to relate, a defended reaction on the basis of refusing to relate and consequently the feeling that "I don't want to have one of those damn things in the house." Because it is likely to be distracting, disturbing and useless. The Ic or the Iu may have very definite feelings about television. He may not like it a bit or they may be quite interested in it in certain ways but if they didn't like it, it would be relatively little threat to them to have it in the house, because if they chose not to look at it, the I individual actually has the capacity to ~~xxxxx~~ choose not to look at something, in a different way than the E individual. The E individual has to work harder ~~wh~~ at not seeing something. Also, an E+ individual who develops intellectual discipline, the Ec+c+ would be perfect for the ~~xxxxx~~ explanations in terms of this, the Ec+c+ individual is going to be much more inclined to have strong feelings of accomplishment. For example, a person who can do something easily may not feel quite as proud about what he's doing as an individual who is not able to do something easily, and to overcome. A characteristic, one of the things in relationship to the E individual, the E individual does not memorize easily. On the other hand, the person who is likely to be extraor-

ordinarily good at memorizing is an E individual who has overcome ⁰⁰¹⁸⁷ inability to memorize and is ordinally proud. He is even pretentious.

So again a characteristic of an Ec+c+ intellectual may carry with it a little bit of an element of more pretentiousness than is an Ic+c+ intellectual; mainly because the pretention is in ~~the~~ the sense of that "I have done something worthwhile." Now again depending upon the other pattern in terms of this begins to move in the direction of what a person begins to feel is important in other individuals. Now when you talk about a ~~fix~~ father-child relationship in terms of this, an E father with an E child, an E father who has overcome the tendency to be over-responsive, over-reactive, who has learned mental discipline anywhere along the line, the E father making an Ec adjustment, what are going to be the things that are going to create the most conflict in the father-son relationship? Obviously it is going to be the original manifestations of the E ~~behavior~~ behavior, which the father feels so strongly are wrong and feels so much need to punish. Now supposing you have an E father and an I child, it gets to be a very complicated thing in relationship to this. The child is likely to be too passive to begin with, beginning to make a compensation in the direction of becoming active, and the very kind of activity that is likely to be most healthy for the I child is going to be most threatening to the E father. The kind of conflict that is likely to exist between that is much more complicated, much more complex than is the rather simple one in terms of the E father and the E child, because it is moving in somewhat the same kind of direction. We talked about Ec+u as

00108

being largely an inhibited state, and in the extreme, if you have an individual who is ill, the extreme manifestation of the ill Ecu+, is a catatonic state. A catatonic state is a state on the basis of which an individual is refusing to respond period. He is neither acting in nor acting out. He's frozen. Now that's extreme inhibition. Therefore with any kind, with a regular dynamically true Ecu there's going to be some inhibiting features in terms of development there's two other things that happen that will produce an Ecu record. You have to be very careful with it.

One thing, and again you have to get the rest of the test in terms of this, and there is an Ecu intellectual, but Ecu+ intellectual is likely to be intellectual in grammatical terms rather than in the information type items. They're not very well informed but they are likely to have moved into the direction of developing a certain kind of a use of numerical concepts as a means of being intellectual. In some Ecu's you will find mathematicians, you will find engineers. So Ecu inhibited, Ecu intellectualized but engineering, numerically oriented. Third kind of Ecu - culturally deprived. Now culturally deprived are culturally different. Now again, in the culturally different, we have some problems if we try to give the test to a different culture. There are culture bound items in the information. And consequently a low information in a Chinese record if you're giving him the American Wechsler and giving it to a Chinese, and you get an Ec Chinese, it is likely to be Ecu. Not because they're inhibited not because they're numerical, but because some of the items on the

00169

information subtest are not the kind of thing that the intellectually Chinese would likely know. The same thing with other groups. Another place that we get an Ecu, I'm going to say culturally deprived but culturally different in the United States, the two places that I've gotten a fairly high number of Ecu's is one, of all places, the state of Colorado and the other is the Negro. Now again, the thing that happens in terms of this, and I think Colorado because I saw it in Oklahoma and a lot of other places, that there are certain kinds of educational backgrounds on the basis of which the individual is not exposed in the same kind of systematic way, I mean the ~~xx~~ educational backgrounds are likely to be different on the basis of which they begin to fall ~~xx~~ down a little bit on the information subtest, because they have not been exposed to the kinds of things that that particular item calls for. Or if they ~~x~~ were, they were not particularly interested in learning. And you can get it on farmers, ranchers, out-door people of all kinds, you can get an Ecu, they're not ~~xx~~ inhibited but neither are they intellectualized, they are essentially moving in a productive, useful way in terms of doing practical things. And they're able to do this in a fairly systematic way. For example, an Ecu farmer and an Ecu farmer, the Ecu farmer is going to be much more organized, much more able to handle the situation~~of~~ that he is in, than is the Ecu farmer who is likely to be much more reactive. For example, a difference might be an Ecu is a tenant farmer an Ecu is a much more of a managing farmer. What is an Ecu individual is likely to have more capacity to do than an Ecu, an Ecu is likely to be able to structure watching the television. Now he can structure it

in a number of ways. He is structured by his internalizing structuring by "I'm only going to watch something worthwhile." And he will be perfectly capable of not looking at ~~anything~~ anything else. An Eu is likely to be much more inclined, an Eu is likely to sit and start watching television and he sees a lousy movie. Now he can gain a certain kind of satisfaction just out of sitting, wasting the time. The Ec is going to be much more capable of "Look, this is a waste of time. I'm only going to see a certain time." Or they can put it on the basis of organizing, we'll watch TV between 9:00 and 10:00 at night. And they'll be able to do this rather effectively. The Euc is much more inclined to say "By God, I've got to keep from doing that, but they're always going to be trapped if they move into it. Now I'm not saying that this can't happen to an Ecc. But the Ecc has much more capacity to discipline himself, in relationship to this particular kind of activity. The same thing in terms of the Ecc oftentimes, is not likely to be as anti-social as an Euc. Anti-social in the sense the Euc is likely to avoid certain kinds of social engagements for fear he is going to lose control, or over-react. The Ecc is going to be much more willing to move into a direction and beginning to learn the discipline of how to behave in this particular group, but this is done with strain. In other words, the Ecc, and this is one of the primary problems of the Ecc that the psychological edge that is necessary to avoid the response that is the natural response state for the individual, the Ecc individual placed in a social situation with a tendency to over-react, rarely over-reacts but the strain that he is under tells

60171
going to a social event, x which is in a sense moving in a direction in which he doesn't want to go, comes away from the social event a very tired man. The Euc comes away from that either a very tense man, or he has made a fool of himself. It's the same thing in relationship to what happens to an individual when they move in the direction of getting drunk. An Ecc individual gets tenser and tense as he moves into the direction of getting drunk because it is precipitating him in a direction on the basis of which he wants to respond in a way that he doesn't think he should respond. And the Ecc drunk placed in a situation that is very demanding upon him, and because he is reacting against it and defending against it, is the kind of an individual who becomes hostile at the stimulating object. The Ecc drunk, to contrast the Euc and the Ecc in true terms, an Euc and an Ecc relating to a girl that they're both attracted to, the Euc in the period of being sober is likely to withdraw a little bit because they are so attracted that they are afraid that they'd move too much. They begin to move very much into the direction that pretty soon they get drunk. And when they get gx drunk they say "Aw, you're the sweetest thing I ever sae." And they move in the direction of what to them is humiliation. The Ecc, on the other hand, is likely to be a bit ~~him~~ dodging in terms of relating and responding in keeping it proper and tense. H beging to get into the business of getting drunk; he ~~begink~~ begins to get drunk and "You damn bitch, all you're doing is trying to get me to do something to you. You get away from here." Now you see, all of this begins to move into the direction of hostile aggression

00172
(against the direction that the individual is ~~beginning~~ beginning to move.
At least some Ecc's, but in the Ecc it's much more likely to move in
a direction which is a defensive reaction against the stimulus.