

TERRITORIES OF PLAY VI CRITICAL ESSAY | FALL SEMESTER 2023

47°24'28"N, 8°37'27"E ZÜRICH, SWITZERLAND

COLLABORATORS NONE

chess. This concept is consistend with ation. Beck's theory of the Risk Society from 1992, which is based on a systematic **FIGHTING UNITS** uncertainties.

TERRITORY AND OBJECT

during the game. The clock can either piece with a pawn has to happen when the dynamic way. continously lose time, or gain a certain pawn can move one square forward diagamount of seconds back after every onally. In case an opposing pawn moves TACTICAL ENGAGEMENTS

capture. This is achieved, when the oppo- wants. This movement pattern limits the part of the game with their, in comparison, two players agree on a draw in this situanent can't capture the attacking piece, can't bishop to the squares of one color. The high predictability. Many opening tion, no one comes out as victorious. move his king to safety and also can't block knight, just as the bishop, owns a value of sequences, such as the Queen's Gambit, a direct attack by moving a piece between 3. As already meantioned, the knight is the have a specific name. With the offensive COMMUNICATIONS his king and the attacking piece. Further- only piece, which can jump over his own and defensive implications of each move, The pieces on a chess board act independ- creates inevitably a reaction. After every more, a game can also end, when a player pieces. The knights movement happens in the goal of these openings focuses on etly from each other as single units. Each move, the situation has to be reevaluated. resigns the game or when a players clock an L-shaped form whereby he moves two things such as: development of the posi- move has to evaluate the position of every Drawing the analogy between chess and runs out, leading to a forced resignation of squares in one direction and one in a 90 tion, king's safety, control of the center of other piece on the board. In certain urban design, one question remains the game. Imaginig the opposing player as degrees angle to the chosen direction. The the board and piece coordination. These moments it makes more sense to move a undoubtedly the most central one: Who is a hard to predict entity, reacting to every rook owns a value of 5. His movement can positional developments can't be looked at certain piece to increase one's chances of the king? Who or what is the central figure in action taken by a player, chess becomes in happen in horizontal and vertical direction as attack or defense, but equally neither winning. In others, it might ruin the entire *urban design?* its essence very similar to urban planning. as far as needed. The rook can also be and both at the same time. Openings are game by creating a weakness in defense. Just as in the game of chess, urban design involved in a castle if the necessary condiabout positioning one's pieces to increase So even though each piece acts individu-

Chess is based on the oparations of two has to evaluate the existing conditions ions are given. The queen is the most valu- the chance of being victorious. Neither ally, the holistic view on the position of all sets of hierarchically organized pieces. before every decision. Considering risks able piece with her value being 9. She can attack nor defense and somehow the prep- the pieces is essential to choose the best Both sets are equipped with the same and chances, taking action, evaluating the move in any direction as far as she wants, aration for both at the same time. After the move possible. The pieces have to act as a pieces to begin the game. Alternating after reaction of the environment and planning but is limited by other pieces standing in positions are developed and the kings are unit to achieve a players goal - to keep every move, the goal of each player is to further action in an endless cycle. This the way just as all the other pieces except safe, the middle game begins. It lasts until one's own king safe and put the other put the opponent's king into a checkmate concept reminds of the cone of possibility, for the knight. The king does not hold a only a few pieces are left.- However, there player in a checkmate position. This position. This condition leads to every where further action is fairly predictable. value. His value is zero and infinite at the are no clear lines between those three communication between pieces can matemove having attacking as well as defensive However, the further ahead into the future same time, since putting him in checkmate parts. The theory on the middle game is rialize itself in different forms. The most consequences for both players. A separa- one looks, the less predictable the future ends the game. he can move one square in way less developed than the opening or the simple form of communication is the tion between offense and defense is not gets, just as in chess. In this analogy, unpre- any direction. He can also castle with a endgame. Its nature of being way less overall position a player holds with his found in the game of chess, but rather a dictable moves by the opponent become rook as already mentioned. The rules of predictable makes it unique in every game. pieces. The momentary power dynamics calculated risk taking strategy has to be black swan events - unforseeable happen- the game prohibit for both kings to stand Memorization of patterns as in the in the game of chess can be evaluated by utilized to be successful at the game of ings that have a major impact on the situ- on two touching squares, since that would opening is not possible. There are also too the pieces lost and also by how the evidently lead to a capture with the next many pieces left compared to the endgame. remaining pieces are placed on the board move. The king also takes a figurative role. Reuben Fine identifies three factors in the in relation to the opponents position. Is If he is tipped over, a player resigns the middle game: king's safety, force and the defensive position good? How much approach of dealing with hazards and At the beginning of the game, each player game and the other player wins the game. mobility. All these factors focus on the pressure is put on the opponents pieces? has 16 pieces at his disposal: 8 pawns, 2 Calculating the difference in points of the power struggle between the two players to What are the potential moves one can knights, 2 bishops, 2 rooks, a queen and a lost pieces is utilized to visualize the have the upper hand for when the game make? What kind of moves are possible king, who has to be protected. The move- momentary standings of the game. goes into its final stages. The literature on for the opponent? All these questions flow The game is played on a square checkered ment patterns and possibilities vary Returning to the comparison between the endgame is just as vast as the one on into the evaluation of ones position. board consisting of 64 smaller squares (8 depending on the pieces. The knights are chess and urban planning, the analogy to openings. It starts with only a few pieces Another form of communication is sacrix 8). The boards layout is perfectly special in terms of movement. They are fighting units is found in the different left and focuses on different patterns of ficing. Sacrificing a piece can be necessary symmetrical. To begin the game, both the only pieces who can jump over their actors. Different situations in urban design checkmates, who is favoured in a certain to save the king or to provoke the oppoplayers place their pieces in a specified way own pieces. The different movement involve different actors. This means, that situation. The endgame is usually classi- nent to make a thoughtless move and capion opposing sides. The player with the patterns of pieces create different tactical unlike in chess, the pieces in urban design fied by the remaining pieces on the board. talize from a lucrative piece swap. Decoys white pieces starts the game with his first advantages and disadvantages for every change from situation to situation and so During the entire duration of the game, are also a form of communication between move. Who plays with white or black piece. Different pieces also have different do values of different actors. However, the concept of actio-reactio is relevant. pieces. Through the inclusion of multiple respectively is drawn before the game and values creating a sense of hierarchy. These evaluating singular situations, actors can No moves can be made without evaluating pieces in a planned move, the opponent is purely based on luck. Each player is values don't influence the game directly, be given a fixed value by comparing the the opponents last moves and also trying can be forced to sacrifice valuable material obliged to make exactly one move per turn. but offer a guideline when calculating the influence they have on one another. This to predict his next moves. Every action by to save himself from being put in check-Not making a move is not possible as well risk of a move or if sacrificing a piece for means that in some scenarios, financial the opponent provokes a reaction and vice mate through indirect attacks facilitated as making more than one move. Moves another is worth it. The lowest value has actors have a bigger influence than public versa. None of the stages of a game of by communication between multiple have to alternate after each and every turn. the pawn. His value is 1. The pawn can ones. Meanwhile, in different situations, chess are for certain. A mistake at any stage pieces. Just as in chess, urban design Often times, a play clock is added to these only move one square forward. An excepthis power structure is inverted. The of the game can be detremental. An early requires communication between the conditions. This clock dictates how much tion is the opening move, where he can fighting units of chess can be found again checkmate can render all the preparation different actors. They can be looked at one time a player gets to make all his moves move forward two squares. Capturing a in urban design in a more complex and for an endgame useless. This means carefulness just as much as a certain amount of create the best possible outcome, the urgency needs to be employed when understanding of their interplay between developing one's position. There is also one another is essential. Utilizing different completed move. The most common forward two squares up to the same height There are about 10⁴⁰ possible chess situa- the possibility of the game ending in a draw. levers, such as financial, ecological and game clocks are 1, 3 or 10 minutes. The as a pawn, en passant is possible whereby tions. In chess theory, the game is most This happens, when the king is on a safe political ones, can create more wholistic object of each player is to put the oppo- the pawn can capture him by pasing the often split into three parts - the opening, square, but can't move to any other square solutions and better outcomes. To utilize nent into a checkmate position, where the pawn. A bishop has a value of 3. He can the middle game and the endgame. The when there are no other pieces left for the these however, understanding the interopponents king can't flee a potential move diagonally as many squares as he opening is the theoretically most explored defending player. It is also possible that play between different playser is necessary.

the concept of actio-reactio. Every action

CONCLUSION

HISTORICAL PERIOD

Its first predecessor was played 1'500 years ago in India. It was taken up by the Muslim world and subsequently spreat into Europe in the 14th/15th century.

PROTAGONISTS

The players face each other 1-on-1. Each player controls one set of pieces throughout the game; either black or white

PIECES

Black and white are both made up of the same number of pieces: 8 pawns, 2 bishops, 2 knights, 2 rooks, 1 queen and white squares. To begin the game, the 1 king. Each unit occupies one square and no stacking is allowed. Through promotion, a pawn can be promoted to become a different piece.

BOARD

The board is a 8 by 8 grid of 64 squares. The board is checkered with black and pieces start on opposing sites.

MOVEMENT

Taking alternative turns, the players move one piece at a time. Which piece gets moved is up to the players themeselves. The pieces have different patterns of movement. Hence, the move depends on the moved piece.

COMBAT

Each side is allowed to make one move being the weakest piece and the queen Most pieces can't jump over other per turn. Which piece gets moved, is up the strongest. The king does not hold a pieces. This means they are limited by to the player who's turn it is. With each value, he can also not be captured. move, a player can either move to al open square or capture an opposing piece, taking it out of the game. If a player is put into a check position, where his king is directly attacked, he can either capture the attacking piece, shield his king by moving a piece between the king and the attacking piece or move his king out of harms

way. Pieces vary in value with the pawn

OTHER FACTORS

the range of movement by other pieces. times, a clock with a set time is set at the beginning of the game. This clock shows the remaining thinking time during the entire game for the player concerned. The clock can either continously count down, or gain a certain amount of time back, when a move is made and the opponents clock starts ticking.

VICTORY CONDITIONS

The aim of the game is to put the opponent into a checkmate position. A checkmate is achieved, when the king is directly attacked and can't escape, th attacking piece can't be captured and no piece can be moved between the attacking piece and the king. The game ends, when such a position is reached by either player or a player forfeits the game

Should a clock be utilized, the running out of the clock can also end the game

REFERENCES

Chess.

Chess is a strategic 1-on-1 game based on

Everyone who taught me the game of









KNIGHT





enemy pawn on the same rank and an adjacent file t vance. The capturing pawn moves to the square that

